

# VENDOR CONTRACT

Between \_\_\_\_\_ and  
(Company Name)

**THE INTERLOCAL PURCHASING SYSTEM (TIPS)  
For  
CABLING PRODUCTS AND SERVICES  
#1082715**

## General Information

The vendor contract shall include the contract, the terms and conditions, special terms and conditions, any agreed upon amendments, as well as all of the sections of the solicitation and the awarded vendor's proposal. Once signed, if an awarded vendor's proposal varies or is unclear in any way from the TIPS contract, TIPS, at its sole discretion, will decide which provision will prevail. Other documents to be included are the awarded vendor's proposals, task orders, purchase orders and any adjustments which have been issued.

The following pages will constitute the contract between the successful vendors(s) and TIPS. Bidders shall state, in a separate writing, and include with their proposal response, any required exceptions or deviations from these terms, conditions, and specifications. If agreed to by TIPS, they will be incorporated into the final contract.

The Vendor Contract ("Contract") made and entered into by and between The Interlocal Purchasing System (hereinafter referred to as "TIPS" respectfully) a government cooperative purchasing program authorized by the Region VIII Education Service Center, having its principal place of business at 4845 US Hwy 271 North, Pittsburg, Texas 75686. This contract consists of the provisions set forth below, including provisions of all Attachments referenced herein. In the event of a conflict between the provisions set forth below and those contained in any Attachment, the provisions set forth shall control.

### Definitions

**PURCHASE ORDER** is the TIPS member's approval providing the authority to proceed with the negotiated delivery order under the contract. Special terms and conditions as agreed to between the vendor and TIPS member will be added as addendums to the PO. Items such as certificate of insurance, bonding requirements, small or disadvantaged business goals are some of the addendums possible.

**PREMIUM HOURS** are defined as those hours not included in regular hours or recognized holidays. Premium hours are to be approved by the TIPS member for each delivery order and noted in the delivery order proposal as a line item during negotiations.

**REGULAR HOURS** are defined as those hours between the hours of 7 AM and 6 PM Monday thru Friday.

## Terms and Conditions

### Freight

All deliveries shall be freight prepaid, F.O.B. destination and shall be included in all pricing offered unless otherwise clearly stated in writing.

### Warranty Conditions

All supplies equipment and services shall include manufacturer's minimum standard warranty unless otherwise agreed to in writing. Vendor shall be an authorized dealer, distributor or manufacturer for all products. All equipment proposed shall be new unless clearly stated in writing.

### Customer Support

The Vendor shall provide timely and accurate customer support to TIPS members. Vendors shall respond to such requests within one (1) working day after receipt of the request. Vendor shall provide training regarding products and services supplied by the Vendor unless otherwise clearly stated in writing at the time of purchase. (Unless training is a line item sold or packaged and must be purchased with product.)

### Contracts

**All contracts and agreements** between Vendors and TIPS Members shall strictly adhere to the statutes that are set forth in the Uniform Commercial Code as most recently revised.

**Contracts for purchase** will normally be put into effect by means of a purchase order(s) executed by authorized agents of the participating government entities.

**Davis Bacon Act** requirements will be met when Federal Funds are used for construction and/or repair of buildings.

### Tax exempt status

A taxable item sold, leased, rented to, stored, used, or consumed by any of the following governmental entities is exempted from the taxes imposed by this chapter:(1) the United States; (2) an unincorporated instrumentality of the United States; (3) a corporation that is an agency or instrumentality of the United States and is wholly owned by the United States or by another corporation wholly owned by the United States;(4) the State of Texas; (5) a Texas county, city, special district, or other political subdivision; or (6) a state, or a governmental unit of a state that borders Texas, but only to the extent that the other state or governmental unit

exempts or does not impose a tax on similar sales of items to this state or a political subdivision of this state. Texas Tax Code § 151.309.

### **Assignments of contracts**

No assignment of contract may be made without the prior written approval of TIPS. Payment can only be made to the awarded Vendor or vendor assigned dealer.

### **Disclosures**

1. Vendor affirms that he/she has not given, offered to give, nor intends to give at any time hereafter any economic opportunity, future employment, gift, loan, gratuity, special discount, trip, favor or service to a public servant in connection with this contract.
2. Vendor shall attach, in writing, a complete description of any and all relationships that might be considered a conflict of interest in doing business with participants in the TIPS program.
3. The vendor affirms that, to the best of his/her knowledge, the offer has been arrived at independently, and is submitted without collusion with anyone to obtain information or gain any favoritism that would in any way limit competition or give an unfair advantage over other vendors in the award of this contract.

### **Renewal of Contracts**

The CABLING PRODUCTS AND SERVICES contract is for one (1) year with an option for renewal for 2 consecutive years. Total term of contract can be up to 3 years if sales are reported through the contract and both parties agree.

### **Shipments**

The Vendor shall ship ordered products within five (5) working days after the receipt of the order. If a product cannot be shipped within that time, the Vendor shall notify TIPS and the requesting entity as to why the product has not shipped and shall provide an estimated shipping date, if applicable. TIPS or the requesting entity may cancel the order if estimated shipping time is not acceptable.

### **Invoices**

The Vendor or vendor assigned dealer shall submit invoices, to the TIPS participant. Each invoice shall include the TIPS participant's purchase order number. The shipment tracking number or pertinent information for verification of TIPS participant receipt shall be made available upon request. The Vendor or vendor assigned dealer shall not invoice for partial shipments unless agreed to in writing in advance by TIPS and the TIPS participant.

## Payments

The TIPS participant will make payments directly to the Vendor or vendor assigned dealer at net 30 days after receiving invoice.

## Pricing

The Vendor contracts to provide pricing to TIPS and its participating governmental entities that is the lowest pricing available to like cooperative purchasing customers and the pricing shall remain so throughout the duration of the contract.

The Vendor agrees to promptly lower the cost of any product purchased through TIPS following a reduction in the manufacturer or publisher's direct cost to the Vendor. Price increases will be honored. However, the Vendor shall honor previous prices for thirty (30) days after written notification to TIPS of an increase.

All pricing submitted to TIPS shall include the Two Percent (2%) participation fee to be remitted to TIPS by the Vendor. Vendor will not show adding the 2% to the invoice presented to customer.

## Participation Fees

Vendor or vendor assigned dealer contracts to pay 2% of all sales to TIPS on a monthly scheduled report. TIPS will email a Monthly Submission Report to each vendor. The Vendor or vendor assigned dealer is responsible for keeping record of all sales that go through the TIPS contract. Report may be sent to TIPS electronically while check for 2% is mailed. Failure to pay 2% participation fee will result in termination of contract.

## Indemnity

- 1. Indemnity for Personality Contracts.** Vendor agrees to indemnify and hold harmless and defend TIPS, TIPS member(s), officers and employees, from and against all claims and suits for damages, injuries to persons (including death), property damages, losses, and expenses including court costs and attorney's fees, arising out of, or resulting from, Vendor's performance of this contract, including all such causes of action based upon common, constitutional, or statutory law, or based in whole or in part, upon allegations of negligent or intentional acts on the part of the Vendor, its officers, employees, agents, subcontractors, licensees, invitees, whether or not such claims are based in whole or in part upon the negligent acts or omissions of the TIPS, TIPS member(s), officers, employees, or agents.
- 2. Indemnity for Performance Contracts.** The Vendor agrees to indemnify and hold harmless and defend TIPS, TIPS member(s), officers and employees from and against all claims and suits for damages, injuries to persons (including death), property damages, losses, and expenses including court costs and attorney's fees, arising out of, or resulting from, Vendor's work under this contract, including all such causes of action based upon



common, constitutional, or statutory law, or based in whole or in part, upon allegations of negligent or intentional acts on the part of the Vendor, its officers, employees, agents, subcontractors, licensees, or invitees. Vendor further agrees to indemnify and hold harmless and defend TIPS, TIPS member(s), officers and employees, from and against all claims and suits for injuries (including death) to an officer, employee, agent, subcontractor, supplier or equipment lessee of the Vendor, arising out of, or resulting from, Vendor's work under this contract whether or not such claims are based in whole or in part upon the negligent acts or omissions of the TIPS, TIPS member(s), officers, employees, or agents.

**Attorney's Fees--Texas Local Government Code § 271.159 is expressly referenced.**

Pursuant to §271.159, TEXAS LOC. GOV'T CODE, in the event that any one of the Parties is required to obtain the services of an attorney to enforce this Agreement, the prevailing party, in addition to other remedies available, shall be entitled to recover reasonable attorney's fees and costs of court.

**Multiple Vendor Awards**

TIPS reserves the right to award multiple vendor contracts for categories when deemed in the best interest of the TIPS membership. Bidders scoring 80% or above will be considered for an award. Categories are established at the discretion of TIPS.

**State of Texas Franchise Tax**

By signature hereon, the bidder hereby certifies that he/she is not currently delinquent in the payment of any franchise taxes owed the State of Texas under Chapter 171, Tax Code.

**Miscellaneous**

The Vendor acknowledges and agrees that continued participation in TIPS is subject to TIPS sole discretion and that any Vendor may be removed from the participation in the Program at any time with or without cause. Nothing in the contract or in any other communication between TIPS and the Vendor may be construed as a guarantee that TIPS participants will submit any orders at any time. TIPS reserves the right to request additional proposals for items already on contract at any time.

**Purchase Order Pricing/Product Deviation**

If a deviation of pricing/product on a purchase order occurs, TIPS is to be notified within 24 hours of receipt of order.

**Cancellation for non-performance or contract deficiency**

TIPS may terminate any contract if TIPS Members have not used the contract, or if purchase volume is determined to be "low volume" in any 12-month period. TIPS reserves the right to cancel the whole or any part of this contract due to failure by awarded vendor to carry out any

obligation, term or condition of the contract. TIPS may issue a written deficiency notice to awarded vendor for acting or failing to act in any of the following:

- Providing material that does not meet the specifications of the contract;
- Providing work and/or material that was not awarded under the contract;
- Failing to adequately perform the services set forth in the scope of work and specifications;
- Failing to complete required work or furnish required materials within a reasonable amount of time;
- Failing to make progress in performance of the contract and/or giving TIPS reason to believe that awarded vendor will not or cannot perform the requirements of the contract; and/or
- Performing work or providing services under the contract prior to receiving a TIPS reviewed purchase order for such work.

Upon receipt of the written deficiency, awarded vendor shall have ten (10) days to provide a satisfactory response to TIPS. Failure to adequately address all issues of concern may result in contract cancellation. Upon cancellation under this paragraph, all goods, materials, work, documents, data and reports prepared by awarded vendor under this contract shall become the property of the TIPS Member on demand.

### **TIPS Member Purchasing Procedures**

Purchase orders are issued by participating TIPS member to the awarded vendor indicating on the PO "Contract Number 1082715". Purchase Order is emailed to TIPS at [tipspo@tips-usa.com](mailto:tipspo@tips-usa.com).

- Awarded vendor delivers goods/services directly to the participating member.
- Awarded vendor invoices the participating TIPS member directly.
- Awarded vendor receives payment directly from the participating member.
- Awarded vendor reports sales monthly to TIPS (unless prior arrangements have been made with TIPS to report monthly).

### **Form of Contract**

The form of contract for this solicitation shall be the Request for Proposal, the awarded proposal(s) and best and final offer(s), and properly issued and reviewed purchase orders referencing the requirements of the Request for Proposals. If a vendor submitting an offer requires TIPS and/or TIPS Member to sign an additional agreement, a copy of the proposed agreement must be included with the proposal.

Vendor contract documents: TIPS will review proposed vendor contract documents. Vendor's contract document shall not become part of TIPS's contract with vendor unless and until an authorized representative of TIPS reviews and approves it.

### **Licenses**

Awarded vendor shall maintain in current status all federal, state and local licenses, bonds and permits required for the operation of the business conducted by awarded vendor. Awarded

vendor shall remain fully informed of and in compliance with all ordinances and regulations pertaining to the lawful provision of services under the contract. TIPS reserves the right to stop work and/or cancel contract of any awarded vendor whose license(s) expire, lapse, are suspended or terminated.

### **Novation**

If awarded vendor sells or transfers all assets or the entire portion of the assets used to perform this contract, a successor in interest must guarantee to perform all obligations under this contract. TIPS reserves the right to accept or reject any new party. A simple change of name agreement will not change the contractual obligations of awarded vendor.

### **Site Requirements (when applicable to service or job)**

**Cleanup:** Awarded vendor shall clean up and remove all debris and rubbish resulting from their work as required or directed by TIPS Member. Upon completion of work, the premises shall be left in good repair and an orderly, neat, clean and unobstructed condition.

**Preparation:** Awarded vendor shall not begin a project for which TIPS Member has not prepared the site, unless awarded vendor does the preparation work at no cost, or until TIPS Member includes the cost of site preparation in a purchase order.

Site preparation includes, but is not limited to: moving furniture, installing wiring for networks or power, and similar pre-installation requirements.

**Registered sex offender restrictions:** For work to be performed at schools, awarded vendor agrees that no employee of a sub-contractor who has been adjudicated to be a registered sex offender will perform work at any time when students are or reasonably expected to be present. Awarded vendor agrees that a violation of this condition shall be considered a material breach and may result in the cancellation of the purchase order at the TIPS Member's discretion.

Awarded vendor must identify any additional costs associated with compliance of this term. If no costs are specified, compliance with this term will be provided at no additional charge.

**Safety measures:** Awarded vendor shall take all reasonable precautions for the safety of employees on the worksite, and shall erect and properly maintain all necessary safeguards for protection of workers and the public. Awarded vendor shall post warning signs against all hazards created by the operation and work in progress. Proper precautions shall be taken pursuant to state law and standard practices to protect workers, general public and existing structures from injury or damage.

### **Smoking**

Persons working under contract shall adhere to local smoking policies. Smoking will only be permitted in posted areas or off premises.

### **Invoices**

The awarded vendor shall submit invoices to the participating entity clearly stating "Per TIPS

Contract". The shipment tracking number or pertinent information for verification shall be made available upon request.

### **Marketing**

Awarded vendor agrees to allow TIPS to use their name and logo within website, marketing materials and advertisement. Any use of TIPS name and logo or any form of publicity, inclusive of press release, regarding this contract by awarded vendor must have prior approval from TIPS.

### **Supplemental agreements**

The entity participating in the TIPS contract and awarded vendor may enter into a separate supplemental agreement to further define the level of service requirements over and above the minimum defined in this contract i.e. invoice requirements, ordering requirements, specialized delivery, etc. Any supplemental agreement developed as a result of this contract is exclusively between the participating entity and awarded vendor. TIPS, its agents, TIPS members and employees shall not be made party to any claim for breach of such agreement.

### **Legal obligations**

It is the responding vendor's responsibility to be aware of and comply with all local, state and federal laws governing the sale of products/services identified in this RFP and any awarded contract thereof. Applicable laws and regulations must be followed even if not specifically identified herein.

### **Audit rights**

Awarded Vendor shall, at their sole expense, maintain appropriate due diligence of all purchases made by TIPS Member that utilizes this Contract. TIPS and Region 8 ESC each reserve the right to audit the accounting for a period of three (3) years from the time such purchases are made. This audit right shall survive termination of this Agreement for a period of one (1) year from the effective date of termination. TIPS shall have authority to conduct random audits of Awarded Vendor's pricing that is offered to TIPS Members. Notwithstanding the foregoing, in the event that TIPS is made aware of any pricing being offered to eligible entities that is materially inconsistent with the pricing under this agreement, TIPS shall have the ability to conduct the audit internally or may engage a third-party auditing firm. In the event of an audit, the requested materials shall be provided in the format and at the location designated by Region 8 ESC or TIPS.

### **Force Majeure**

If by reason of Force Majeure, either party hereto shall be rendered unable wholly or in part to carry out its obligations under this Agreement then such party shall give notice and fully particulars of Force Majeure in writing to the other party within a reasonable time after occurrence of the event or cause relied upon, and the obligation of the party giving such notice, so far as it is affected by such Force Majeure, shall be suspended during the continuance of the

inability then claimed, except as hereinafter provided, but for no longer period, and such party shall endeavor to remove or overcome such inability with all reasonable dispatch.

### **Services**

When applicable, performance bonds will be required on construction or labor required jobs over \$100,000 and payment bonds on jobs over \$25,000 or awarded vendor will meet the TIPS member's local and state purchasing requirements. Awarded vendors may need to provide additional capacity as jobs increase. Bonds will not require that a fee be paid to TIPS. The actual cost of the bond will be a pass through to the TIPS member and added to the purchase order.

### **Scope of Services**

The specific scope of work for each job shall be determined in advance and in writing between TIPS Member and Awarded vendor. It is okay if the TIPS member provides a general scope, but the awarded vendor should provide a written scope of work to the TIPS member as part of the proposal. Once the scope of the job is agreed to, the TIPS member will issue a PO with the estimate referenced as an attachment along with bond and any other special provisions agreed to for the TIPS member. If special terms and conditions other than those covered within this solicitation and awarded contracts are required, they will be attached to the PO and shall take precedence over those in the base contract.

### **Project Delivery Order Procedures**

The TIPS member having approved and signed an interlocal agreement, or other TIPS membership document, may make a request of the awarded vendor under this contract when the TIPS member has services that need to be undertaken. Notification may occur via phone, the web, email, fax, or in person.

Upon notification of a pending request, the awarded vendor shall make contact with the TIPS member as soon as possible, but must make contact with the TIPS member within two working days.

### **Scheduling of Projects**

Scheduling of projects (if applicable) will be accomplished when the TIPS member issues a purchase order that will serve as "the notice to proceed". The period for the delivery order will include the mobilization, materials purchase, installation and delivery, design, weather, and site cleanup and inspection. No additional claims may be made for delays as a result of these items. When the tasks have been completed the awarded vendor shall notify the client and have the TIPS member inspect the work for acceptance under the scope and terms in the PO. The TIPS member will issue in writing any corrective actions that are required. Upon completion of these items, the TIPS member will issue a completion notice and final payment will be issued.

### **Support Requirements**

If there is a dispute between the awarded vendor and TIPS member, TIPS or its representatives will assist in conflict resolution or third party (mandatory mediation), if requested by either

party. TIPS, or its representatives, reserves the right to inspect any project and audit the awarded vendors TIPS project files, documentation and correspondence.

## Special Terms and Conditions

It is the intent of TIPS to contract with a reliable, high performance vendor to supply products and services to government and educational agencies. It is the experience of TIPS that the following procedures provide TIPS, the Vendor, and the participating agency the necessary support to facilitate a mutually beneficial relationship. The specific procedures will be negotiated with the successful vendor.

- **Contracts:** All vendor purchase orders must be emailed to TIPS at tipspo@tips-usa.com. Should an agency send an order direct to vendor, it is the vendor's responsibility to forward the order to TIPS at the email above within 24 business hours and confirm its receipt with TIPS.
  - **Promotion of Contract:** It is agreed that Vendor will encourage all eligible entities to purchase from the TIPS Program. Encouraging entities to purchase directly from the Vendor and not through TIPS contract is not acceptable to the terms and conditions of this contract and will result in removal of Vendor from Program. Vendor is expected to use marketing funds for the marketing and promotion of this contract.
  - **Daily Order Confirmation:** All contract purchase orders will be approved daily by TIPS and sent to vendor. The vendor must confirm receipt of orders to the TIPS member (customer) within 24 business hours.
  - **Vendor custom website for TIPS:** If Vendor is hosting a custom TIPS website, then updated pricing must be posted by 1<sup>st</sup> of each month.
  - **Back Ordered Products:** If product is not expected to ship within 3 business days, customer is to be notified within 24 hours and appropriate action taken based on customer request.
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Check one of the following responses to the General Terms and Special Terms and Conditions:

( ) We take no exceptions/deviations to the general and/or special terms and conditions.

(Note: If none are listed below, it is understood that no exceptions/deviations are taken.)

( ) We take the following exceptions/deviations to the general and/or special terms and conditions. All exceptions/deviations must be clearly explained. Reference the corresponding general or special terms and conditions that you are taking exceptions/deviations to. The proposer must clearly state if you are adding additional terms and conditions to the general or special terms and conditions. Provide details on your exceptions/deviations below:

Exceptions:

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# The Interlocal Purchasing System (TIPS Cooperative) Supplier Response

Bid Information		Contact Information		Ship to Information
Bid Creator	Mr. David Mabe National Coordinator	Address	Region VIII Education Service Center 4845 US Highway 271 North Pittsburg, TX 75686	Address
Email	david.mabe@tips-usa.com	Contact	Kim Thompson, Coordinator of Office Operations	Contact
Phone	+1 (903) 243-4759	Department		Department
Fax	+1 (866) 749-6674	Building		Building
Bid Number	1082715	Floor/Room		Floor/Room
Title	Cabling Products and Services	Telephone	+1 (866) 839-8477	Telephone
Bid Type	RFP	Fax	+1 (866) 839-8472	Fax
Issue Date	06/01/2015	Email	bids@tips-usa.com	Email
Close Date	7/10/2015 3:00:00 PM CT			
Need by Date				

## Supplier Information

Company I-K ELECTRIC COMPANY  
 Address P.O. BOX 2140  
 LITTLE ROCK, AR 72203

Contact  
 Department  
 Building  
 Floor/Room  
 Telephone 1 (501) 376-2081 115  
 Fax 1 (501) 376-1463  
 Email  
 Submitted 7/9/2015 2:08:03 PM CT  
 Total \$0.00

Signature George Vee Rhode, JR

Email georger@ikelectric.com

## Supplier Notes

## Bid Notes

## Bid Activities

## Bid Messages

Please review the following and respond where necessary

#	Name	Note	Response
1	Yes - No	Disadvantaged/Minority/Women Business Enterprise - D/M/WBE (Required by some participating governmental entities) Vendor certifies that their firm is a D/M/WBE? Vendor must upload proof of certification to the "Response Attachments" D/M/WBE CERTIFICATES section.	No
2	Yes - No	Highly Underutilized Business - HUB (Required by some participating governmental entities) Vendor certifies that their firm is a HUB? Vendor must upload proof of certification to the "Response Attachments" HUB CERTIFICATES section.	No
3	Yes - No	Certification of Residency (Required by the State of Texas) Company submitting bid is a Texas resident bidder?	No
4	Company Residence (City)	Vendor's principal place of business is in the city of?	Little Rock
5	Company Residence (State)	Vendor's principal place of business is in the state of?	Arkansas
6	Felony Conviction Notice:	(Required by the State of Texas) My firm is, as outlined on PAGE 5 in the Instructions to Bidders document: (Questions 7 - 8)	(No Response Required)
7	Yes - No	A publicly held corporation; therefore, this reporting requirement is not applicable?	No
8	Yes - No	Is owned or operated by individual(s) who has/have been convicted of a felony? If answer is YES, a detailed explanation of the name(s) and conviction(s) must be uploaded to the "Response Attachments" FELONY CONVICTION section.	No
9	Pricing Information:	Pricing information section. (Questions 10 - 13)	(No Response Required)
10	Yes - No	In addition to the typical unit pricing furnished herein, the Vendor agrees to furnish all current and future products at prices that are proportionate to Dealer Pricing. If answer is NO, include a statement detailing how pricing for TIPS participants would be calculated in the PRICING document that is uploaded to the "Response Attachments" PRICING section.	Yes
11	Yes - No	Pricing submitted includes the 2% TIPS participation fee?	Yes
12	Yes - No	Vendor agrees to remit to TIPS the required 2% participation fee?	Yes
13	Yes - No	Additional discounts to TIPS members for bulk quantities or scope of work?	Yes
14	Start Time	Average start time after receipt of customer order is ____ working days?	10
15	Years Experience	Company years experience in this category?	25
16	Yes - No	The Vendor can provide services and/or products to all 50 US States?	No
17	States Served:	If answer is NO to question #16, please list which states can be served. (Example: AR, OK, TX)	AR, TX, LA, TN, MS, MO, KS

18	Company and/or Product Description:	This information will appear on the TIPS website in the company profile section, if awarded a TIPS contract. (Limit 750 characters.)	Category 5e, Category 6, fiber optic and all cabling infrastructure scopes of work. Computer Technician, Network Technician, Telephone Installer, Electrical, Master Electrician, Journeyman Electrician, Helper or Manual/Unskilled
19	Resellers:	Does the vendor have resellers that it will name under this contract? (If applicable, vendor should download the Reseller/Dealers spreadsheet from the Attachments section, fill out the form and submit the document in the "Response Attachments" RESELLERS section.	No
20	Primary Contact Name	Primary Contact Name	George Rhode
21	Primary Contact Title	Primary Contact Title	Vice President
22	Primary Contact Email	Primary Contact Email	georger@ikeelectric.com
23	Primary Contact Phone	Enter 10 digit phone number. (No dashes or extensions)	5013200415
24	Primary Contact Fax	Enter 10 digit phone number. (No dashes or extensions)	5013761463
25	Primary Contact Mobile	Enter 10 digit phone number. (No dashes or extensions)	5013527115
26	Secondary Contact Name	Secondary Contact Name	Guy Spann
27	Secondary Contact Title	Secondary Contact Title	Vice President
28	Secondary Contact Email	Secondary Contact Email	guys@ikeelectric.com
29	Secondary Contact Phone	Enter 10 digit phone number. (No dashes or extensions)	5013200418
30	Secondary Contact Fax	Enter 10 digit phone number. (No dashes or extensions)	5013761463
31	Secondary Contact Mobile	Enter 10 digit phone number. (No dashes or extensions)	5013527118
32	2% Contact Name	2% Contact Name	Michaela Fitzhugh
33	2% Contact Email	2% Contact Email	michaelaf@ikeelectric.com
34	2% Contact Phone	Enter 10 digit phone number. (No dashes or extensions)	5013200410
35	Purchase Order Contact:	This person is responsible for receiving Purchase Orders from TIPS. (Questions 36 - 38)	(No Response Required)
36	Purchase Order Contact Name	Purchase Order Contact Name	George Rhode
37	Purchase Order Contact Email	Purchase Order Contact Email	georger@ikeelectric.com
38	Purchase Order Contact Phone	Enter 10 digit phone number. (No dashes or extensions)	5013200415
39	Company Website	Company Website (Format - www.company.com)	www.ikeelectric.com
40	Federal ID Number:	Federal ID Number also known as the Employer Identification Number. (Format - 12-3456789)	71-0725891
41	Primary Address	Primary Address	214 M.L.King Dr
42	Primary Address City	Primary Address City	Little Rock
43	Primary Address State	Primary Address State (2 Digit Abbreviation)	AR
44	Primary Address Zip	Primary Address Zip	72201

45 Search Words:

Please list search words to be posted in the TIPS database about your company that TIPS website users might search. Words may be product names, manufacturers, or other words associated with the category of award. YOU MAY NOT LIST NON-CATEGORY ITEMS. (Limit 500 words) (Format: product, paper, construction, manufacturer name, etc.)

Category 5e, Category 6, Fiber Optic Cabling, Fusion Splicing, Voice Over IP (VOIP), ShoreTel, Voice Cabling, Data Cabling, Low Voltage Cabling, BICSI, RCDD, Structured Cabling, Panduit, Siemons, General Cable, Mohawk Cable, Testing, Underground, Aerial, Backbone, MDF, IDF, Patch Cable, Patch Panel, Smart Board, Configuration, Computer Technician, Network Technician, Telephone Installer, Electrical, Master Electrician, Journeyman Electrician, Helper or Manual/Unskilled.

46 Yes - No

Do you wish to be eligible to participate in a TIPS contract in which a TIPS member utilizes federal funds on contracts exceeding \$100,000? (Non-Construction) (If YES, vendor should download the Federal Funds Over \$100,000 Certification document from the Attachments section, fill out the form and submit the document in the "Response Attachments" FEDERAL FUNDS section.) (Vendor must also download the Suspension or Debarment Certificate document from the Attachments section, fill out the form and submit the document in the "Response Attachments" SUSPENSION OR DEBARMENT section.)

Yes

47 Prices are guaranteed for?

(\_\_ Month(s), \_\_ Year(s), or Term of Contract) (Standard Term of Contract term is "Term of Contract")

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Line Items

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Response Total: \$0.00

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**Provisions for purchase with federal funds for contracts exceeding \$100,000**  
**These forms are for non-construction contracts**

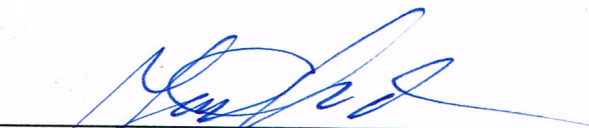
Many TIPS members (grantees and sub-grantees) purchase goods and services with federal funds. When a member engages a contract exceeding \$100,000 and paid with federal funds, provisions are triggered by various Code of Federal Regulations requirements. Primarily 34 CFR 80.36 from the Department of Education and 7 CFR 3015 & 3016 from the Department of Agriculture for School Lunch Program. There may be other Federal programs from time to time that are not enumerated above that may fund certain projects using outside vendors. These are not optional for the contracting entity and in order to spend the federal funds certain provision and certifications must be in place to ensure legal compliance.

If your company wishes to be eligible to participate in a TIPS contract in which a member utilizes federal funds on contracts exceeding \$100,000, you must complete the following forms can provide the certifications as required on the subsequent pages.

Do you wish to be eligible to participate in a TIPS contract in which a member utilizes federal funds on contracts exceeding \$100,000?

Check your response?

YES  NO

  
\_\_\_\_\_  
Signature of Authorized Company Official

*3/11/2015*  
\_\_\_\_\_  
Date

GEORGE RHODE  
\_\_\_\_\_  
Printed Name of Authorized Company Official

I-K ELECTRIC COMPANY  
\_\_\_\_\_  
Company Name

*Attach to this page a current W-9 form*

*Please complete the forms below*

**Legal Compliance**

It is the proposing company's duty and responsibility to have knowledge of and be responsible for the compliance with all applicable laws, rules and regulations as they apply to this procurement process and any subsequent award. The vendor agrees to comply, in all relevant respects, with all Federal, State, and Local laws, rules and regulations related to the performance of services or supply of goods to TIPS or TIPS members?

Does vendor agree? YES <sup>GVR</sup> \_\_\_\_\_ Initial of Authorized Company Official

**Non-Collusive Bidding Certificate**

By submitting a proposal in response to a Request for Proposals or other procurement device containing this clause, you certify that you are authorized to certify to the following:

- 1) This bid or proposal has been independently arrived at without collusion with any other Bidder or with any Competitor;
- 2) This bid or proposal has not been knowingly disclosed and will not be knowingly disclosed, prior to the opening of bids, or proposals for this project, to any other Bidder, Competitor or potential competitor;
- 3) No attempt has been or will be made to induce any other person, partnership or corporation to submit or not to submit a bid or proposal;
- 4) The person signing this bid or proposal certifies that he has fully informed himself regarding the accuracy of the statements contained in this certification, and under the penalties being applicable to the Bidder as well as to the person signing in its behalf.

The vendor complied with #1 through 4 above? YES <sup>GVR</sup> \_\_\_\_\_ Initial of Authorized Company Official

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**SUSPENSION OR DEBARMENT CERTIFICATE**

---

Non-Federal entities are prohibited from contracting with or making sub-awards under covered transactions to parties that are suspended or debarred or whose principals are suspended or debarred. Covered transactions include procurement for goods or services equal to or in excess of \$100,000.00. Contractors receiving individual awards for \$25,000.00 or more and all sub-recipients must certify that the organization and its principals are not suspended or debarred.

You certify that no suspension or disbarment is in place, which would preclude receiving a federally funded contract under the Federal OMB, A-102, common rules

The vendor has not been debarred? YES <sup>GVR</sup> \_\_\_\_\_ Initial of Authorized Company Official



***Certification Regarding Lobbying***

**Applicable to Grants, Subgrants, Cooperative Agreements, and Contracts Exceeding  
\$100,000 in Federal Funds**

Submission of this certification is a prerequisite for making or entering into this transaction and is imposed by section 1352, Title 31, U.S. Code. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Any person who fails to file the required certification shall be subject to a civil penalty of not less than

\$10,000 and not more than \$100,000 for each such failure.

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of congress, or an employee of a Member of Congress in connection with the awarding of a Federal contract, the making of a Federal grant, the making of a Federal loan, the entering into a cooperative agreement, and the extension, continuation, renewal, amendment, or modification of a Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of congress, or an employee of a Member of Congress in connection with this Federal grant or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all covered subawards exceeding \$100,000 in Federal funds at all appropriate tiers and that all subrecipients shall certify and disclose accordingly.

I-K ELECTRIC COMPANY

\_\_\_\_\_  
Name of Organization

P.O.BOX 2140 LITTLE ROCK, AR 72203

\_\_\_\_\_  
Address of Organization

GEORGE RHODE / VICE PRESIDENT

\_\_\_\_\_  
Name / Title of Submitting Official

\_\_\_\_\_  
Signature of Submitting Official

3/11/2015

\_\_\_\_\_  
Signature Date



**Provisions for purchase with federal funds for contracts exceeding \$100,000**

**Federal Rule (1) Administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as may be appropriate. (Contracts more than the simplified acquisition threshold)**

Notice: Pursuant to Federal Rule (1) above, when federal funds are expended by TIPS Member, TIPS Member reserves all rights and privileges under the applicable laws and regulations with respect to this procurement in the event of breach of contract by either party.

Does vendor agree? YES <sup>GVR</sup> \_\_\_\_\_ Initial of Authorized Company Official

**Federal Rule (2) Termination for cause and for convenience by the grantee or subgrantee including the manner by which it will be effected and the basis for settlement. (All contracts in excess of \$10,000)**

Pursuant to Federal Rule (2) above, when federal funds are expended by TIPS Member, TIPS Member reserves the right to terminate any agreement in excess of \$10,000 resulting from this procurement process for cause after giving the vendor an appropriate opportunity and up to 30 days, to cure the causal breach of terms and conditions. TIPS Member reserves the right to terminate any agreement in excess of \$10,000 resulting from this procurement process for convenience with 30 days notice in writing to the awarded vendor. Any award under this procurement process is not exclusive and the District reserves the right to purchase goods and services from other vendors when it is in the best interest of the District.

Does vendor agree? YES <sup>GVR</sup> \_\_\_\_\_ Initial of Authorized Company Official

**Federal Rule (7) Notice of awarding agency requirements and regulations pertaining to reporting.**

Pursuant to Federal Rule (7) above, when federal funds are expended by TIPS Member, TIPS Member requires that the proposer certify that during the term of an award by the TIPS Member resulting from this procurement process the vendor will provide reports and documentation required by all applicable law and state and federal regulations upon request by the TIPS Member or any relevant state of federal agency.

Does vendor agree? YES <sup>GVR</sup> \_\_\_\_\_ Initial of Authorized Company Official

**Federal Rule (8) Notice of awarding agency requirements and regulations pertaining to patent rights with respect to any discovery or invention which arises or is developed in the course of or under such contract.**

**Provisions for purchase with federal funds for contracts exceeding \$100,000**

Pursuant to Federal Rule (8) above, when federal funds are expended by TIPS Member, TIPS Member shall address any requirements and regulations pertaining to patent rights with respect to any discovery or invention which arises or is developed in the course of or under such contract in the contract document and absent language to the contrary or if the contract silent on the subject, the District retains all rights thereto.

Does vendor agree? YES       <sup>GVR</sup> Initial of Authorized Company Official

**Federal Rule (9) Awarding agency requirements and regulations pertaining to copyrights and rights in data.**

Pursuant to Federal Rule (9) above, when federal funds are expended by TIPS Member, TIPS Member requires the proposer certify that during the term of an award by the TIPS Member resulting for this procurement process the vendor will surrender upon request any copyrighted materials owned by the TIPS Member but used in the awarded contract performance unless otherwise agreed in a written document by the parties. TIPS Member reserves the rights to all data created or provided to the vendor for the purpose of contract performance resulting for this procurement process and the vendor will surrender such data upon request unless otherwise agreed in a written document by the parties. If the contract is silent or not dispositive on the subject matter data or copyrights TIPS Member retains all rights in the data developed or gathered during the contract term.

Does vendor agree? YES       <sup>GVR</sup> Initial of Authorized Company Official

**Federal Rule (10) Access by the grantee, the subgrantee, the Federal grantor agency, the Comptroller General of the United States, or any of their duly authorized representatives to any books, documents, papers, and records of the contractor which are directly pertinent to that specific contract for the purpose of making audit, examination, excerpts, and transcriptions.**

Pursuant to Federal Rule (9) above, when federal funds are expended by TIPS Member, TIPS Member requires the proposer certify that during the term and after the awarded term of an award by the TIPS Member resulting for this procurement process the vendor will grant access by the grantee, the subgrantee, the Federal grantor agency, the Comptroller General of the United States, or any of their duly authorized representatives to any books, documents, papers, and records of the contractor which are directly pertinent to that specific contract for the purpose of making audit, examination, excerpts, and transcriptions.

Does vendor agree? YES       <sup>GVR</sup> Initial of Authorized Company Official



**Provisions for purchase with federal funds for contracts exceeding \$100,000**

**Federal Rule (11) Retention of all required records for three years after grantees or subgrantees make final payments and all other pending matters are closed.**

Pursuant to Federal Rule (11) above, when federal funds are expended by TIPS Member, TIPS Member requires the proposer certify that the awarded vendor retain of all required records for three years after grantees or subgrantees make final payments and all other pending matters are closed.

Does vendor agree? YES <sup>GVR</sup> \_\_\_\_\_ Initial of Authorized Company Official

**Federal Rule (12) Compliance with all applicable standards, orders, or requirements issued under section 306 of the Clean Air Act (42 U.S.C. 1857(h)), section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR part 15). (Contracts, subcontracts, and subgrants of amounts in excess of \$100,000)**

Pursuant to Federal Rule (12) above, when federal funds are expended by TIPS Member, TIPS Member requires the proposer certify that in performance of the contracts, subcontracts, and subgrants of amounts in excess of \$100,000, the vendor will be in compliance with all applicable standards, orders, or requirements issued under section 306 of the Clean Air Act (42 U.S.C. 1857(h)), section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR part 15).

Does vendor agree? YES <sup>GVR</sup> \_\_\_\_\_ Initial of Authorized Company Official

**Federal Rule (13) Mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163, 89 Stat. 871).**

Pursuant to Federal Rule (13) above, when federal funds are expended by TIPS Member, TIPS Member requires proposer certify that during the term of an award by the TIPS Member resulting for this procurement process the vendor will be in compliance with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163, 89 Stat. 871).

Does vendor agree? YES <sup>GVR</sup> \_\_\_\_\_ Initial of Authorized Company Official

---

**SUSPENSION OR DEBARMENT CERTIFICATE**

---

Non-Federal entities are prohibited from contracting with or making sub-awards under covered transactions to parties that are suspended or debarred or whose principals are suspended or debarred. Covered transactions include procurement for goods or services equal to or in excess of \$100,000.00. Contractors receiving individual awards for \$25,000.00 or more and all sub-recipients must certify that the organization and its principals are not suspended or debarred.

You certify that no suspension or disbarment is in place, which would preclude receiving a federally funded contract under the Federal OMB, A-102, common rules

Information may be found at <https://www.sam.gov/index.html>

Has the vendor been debarred form participation in Federal funds contracts?

NO  <sup>GVR</sup> Initial of Authorized Company Official


YES  Initial of Authorized Company Official

Company Official: GEORGE V RHODE, JR

Company: I-K ELECTRIC COMPANY

## CONTRACT Signature Form

The undersigned hereby proposes and agrees to furnish goods and/or services in compliance with the terms, specifications and conditions at the prices quoted unless noted in writing. The undersigned further certifies that he or she is an authorized agent of the company and has authority to negotiate and contract for the company named below.

Company Name: I-K ELECTRIC COMPANY  
Mailing Address: P.O. BOX 2140  
City: LITTLE ROCK  
State: AR  
Zip: 72203  
Telephone Number: (501) 320-0415  
Fax Number: (501) 376-1463  
Email Address: GEORGER@IKELECTRIC.COM  
Authorized Signature:   
Printed Name: GEORGE VEE RHODE, JR  
Position: VICE PRESIDENT

This contract is for a total TERM of one year. Vendors shall honor the participation fee for any sales made based on the TIPS contract. Failure to pay the fee will be grounds for termination of contract and will affect the award of future contracts.

  
TIPS Authorized Signature \_\_\_\_\_ Date 8-27-15

  
Approved by Region VIII ESC \_\_\_\_\_ Date 8-27-15

References
------------

**\*\* Must have at least 3 References. References must be School, City, County, University, State Agency or Other Government.**

Organization	City	State	Contact Name	Contact Phone
UNIVERSITY OF ARKANSAS FOR	LITTLE ROCK	ARKANSAS	PAUL WILLIAMS	501-686-5104
DEPARTMENT OF HUMAN SERV	LITTLE ROCK	ARKANSAS	CRAIG PARSONS	501-682-6551
GREAT RIVERS EDUCATIONAL C	HELENA	ARKANSAS	TIM VENT	870-338-6461

## **Warranty Information:**

A one year (1 year) parts and labor warranty will be issued.



# Supplementary Catalogs & Information

## Products

### Products Overview

### NetKey Network Components

### Evaluate

- Advertisements
- FAQ's
- Line Cards

### Design a Solution

- Part Drawings
- Specification Sheets

### How to Buy

- Bill of Material
- Favorite Products List
- Locate Distributor

### Install & Maintain

- Installation Instructions

## NetKey® Network Components

Standards compliant, keystone infrastructure for voice, data and video applications

Home > Products Overview > NetKey Network Components

### NetKey Network Components

NetKey® Network Components provide a complete standards compliant infrastructure for voice, data and video applications. The universal mounting of keystone modules is compatible with a wide assortment of faceplates, surface mount boxes and modular patch panels. When teamed with complimentary Panduit products, the NetKey® solution covers all your needs from the telecommunications room to the workstation with proven innovation and quality that professional depend on from Panduit.

#### Product Listing

#### Copper Solutions



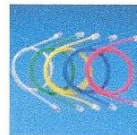
Twisted Pair Jack Modules



Modular Patch Panels



Audio/Video Modules



Copper Patch Cords



Punchdown Style Patch Panels



Copper Cable

#### Fiber Solutions



FJ Duplex Jack Modules and Plugs



Fiber Optic Adapter Modules

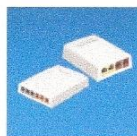
#### Outlet Solutions



Snap-On Faceplates



Screw-On Faceplates



Surface Mount Boxes



Furniture Faceplates



Faceplate Kits and Adapters



Media Distribution System



#### Featured Products

#### Fluke Networks JackRapid Termination Tool



The Fluke Networks JackRapid™ Jack Termination Tool enables NetKey Punchdown Jack Modules, Category 6 and Category 5e, to be terminated eight times faster than traditional impact tools by seating, terminating and trimming all wires at once with a simple squeeze of the handle. Simple, one-handed operation, with an ergonomically designed handle, reduces hand fatigue.

[Learn more...](#)

<< previous next >>

#### News

- Increase Productivity with NetKey Jack Module Conv ...

Events

More News

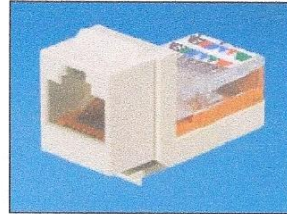


# NETKEY® Category 5e Leadframe Jack Modules



## DATA SHEET

Category 5e/Class D, 8-position keystone UTP jack module shall terminate unshielded twisted 4-pair, 22 – 24 AWG, 100 ohm cable without the use of a punchdown tool. Optional tool ensures conductors are fully terminated. Universal label is color-coded T568A and T568B wiring schemes.



### technical information

<b>Category 5e/Class D channel performance:</b>	Meets all TIA/EIA-568-B.2 Category 5e and ISO 11801 2nd Edition Class D channel requirements at swept frequencies up to 100 MHz
<b>FCC compliance:</b>	Meets ANSI/TIA-968-A; contacts plated with 50 microinches of gold
<b>IEC compliance:</b>	Meets IEC 60603-7

### key features and benefits

<b>100% performance tested</b>	Confidence that each jack module delivers specified performance
<b>Termination cap</b>	Provides strain relief, helps control cable bend radius and securely retains wires in place
<b>Modular</b>	Universal keystone jack modules snap in and out of all NETKEY® faceplates, modular patch panels, and surface mount boxes for fast moves, adds, and changes
<b>Individually serialized</b>	Marked with quality control number for future traceability
<b>Convenience packaging (optional)</b>	25 jacks packaged in one easy to open container, eliminating the time to open each individual package and reducing on-site waste; ideal for high volume installations

### applications

Applications include:

- Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), and 1000BASE-T (Gigabit Ethernet)
- 155 Mb/s ATM, 622 Mb/s ATM, 1.2 Gb/s ATM
- Token Ring 4/16
- Voice over internet protocol (VoIP)

#### NETKEY® Network Components

##### NETKEY® Category 5e Jack Modules

<b>Module:</b>	NK5E88M*Y
<b>Convenience pack of 25 modules:</b>	NK5E88M*-Q

##### NETKEY® Category 5e Patch Cords

<b>Foot lengths:</b>	NK5EPC3**Y
<b>Meter lengths:</b>	NK5EPC1M^Y

##### NETKEY® Category 5e Punchdown Patch Panels

<b>12-port:</b>	NK5EPPG12WY
<b>24-port, 1 RU:</b>	NK5EPPG24Y
<b>48-port, 2 RU:</b>	NK5EPPG48Y

##### Termination Tools

<b>Termination tool:</b>	CJT‡
<b>Snipping tool:</b>	CWST
<b>Stripping tool:</b>	CJAST

\*For colors other than IW (Off White), add suffix BU (Blue), GR (Green), RD (Red) or YL (Yellow) before the Y at the end of the part number.

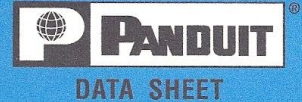
\*\*For standard lengths other than 3 feet (5, 7, 10, 14 or 20) change the length designation in part number to the desired length. For standard cable colors other than Off White, add suffix BU (Blue), GR (Green), RD (Red) or YL (Yellow) before the Y at the end of the part number. For example, the part number for a blue 5 foot patch cord is NK5EPC5BUY.

^For standard lengths other than 1 meter (2, 3, 4 or 5) change the length designation in part number to the desired length. For standard cable colors other than Off White, add suffix BU (Blue), GR (Green), RD (Red) or YL (Yellow) before the Y at the end of the part number. For example, the part number for a blue 5 meter patch cord is NK5EPC5MBUY.

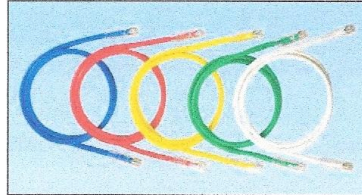
‡Terminates NETKEY® Keystone Leadframe Jack Modules.



# NETKEY® Category 6 Patch Cords



Category 6/Class E patch cords are constructed of UTP 24 AWG stranded copper cable and a modular plug at each end. Patch cords are used in all work area outlets and patch panels. Patch cords are wired to be compatible with both T568A and T568B wiring schemes.



## technical information

<b>Category 6/Class E channel performance:</b>	Meets all TIA/EIA-568-B.2-1 Category 6 and ISO 11801 2nd Edition Class E channel requirements at frequencies up to 250 MHz
<b>FCC compliance:</b>	Meets ANSI/TIA-968-A; contacts plated with 50 microinches of gold
<b>IEC compliance:</b>	Meets IEC 60603-7
<b>UL rated:</b>	No. 1863

## key features and benefits

<b>100% performance tested</b>	Confidence that each patch cord delivers specified performance
<b>Patented tangle free latch</b>	Prevents snags and provides easy release
<b>Slender strain relief boot</b>	Provides easy access in high-density applications
<b>Identification</b>	Provides identification of performance level, length, and quality control number for future traceability
<b>Variety of colors and lengths available</b>	Meets individual length and color-coding requirements

## applications

- Applications include:
- Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), and 1000BASE-T (Gigabit Ethernet)
  - 155 Mb/s ATM, 622 Mb/s ATM, 1.2 Gb/s ATM
  - Token Ring 4/16
  - Voice over internet protocol (VoIP)

[www.panduit.com](http://www.panduit.com)

### NETKEY® Network Components

#### NETKEY® Category 6 Patch Cords

**Foot lengths:** NK6PC3\*Y  
**Meter lengths:** NK6PC1M\*Y

#### NETKEY® Category 6 Jack Modules

**Module:** NK688M\*\*  
**Convenience pack of 25 modules:** NK688M\*\*-Q

#### NETKEY® Category 6 Punchdown Patch Panels

**12-port:** NK6PPG12WY  
**24-port, 1 RU:** NK6PPG24Y  
**48-port, 2 RU:** NK6PPG48Y

\*For standard lengths other than 3 feet (5, 7, 10, 14 or 20) change the length designation in part number to the desired length. For standard cable colors other than Off White, add suffix BU (Blue), GR (Green), RD (Red) or YL (Yellow) before the Y at the end of the part number. For example, the part number for a blue 5 foot patch cord is NK6PC5BUY.

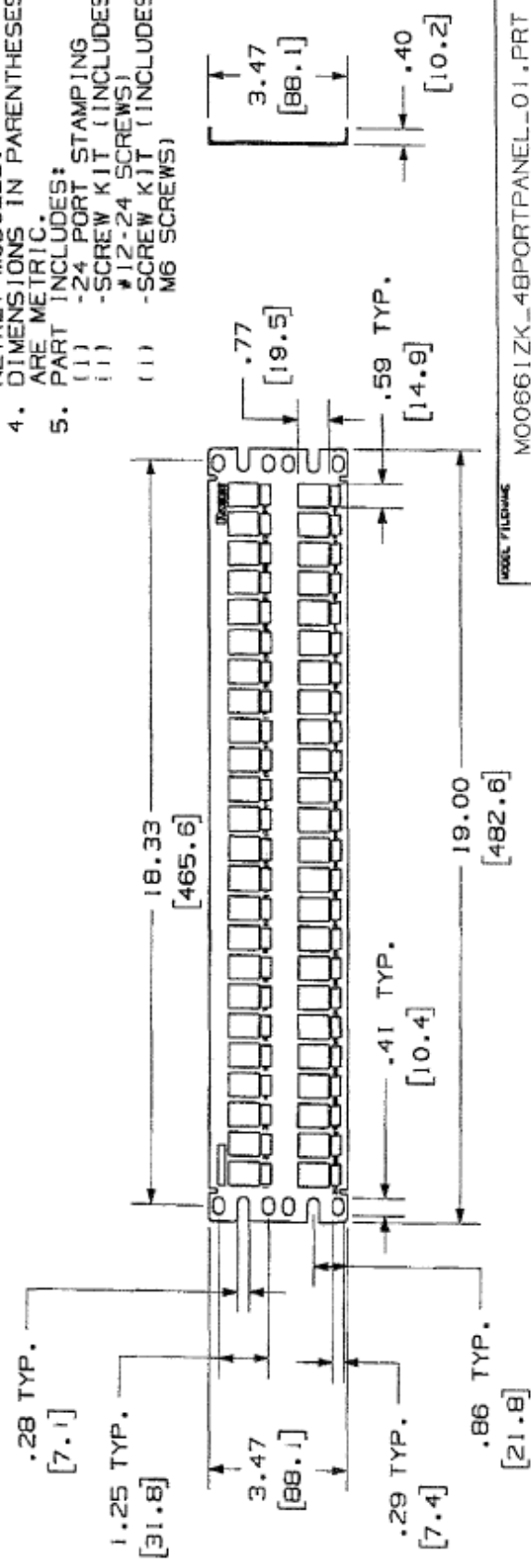
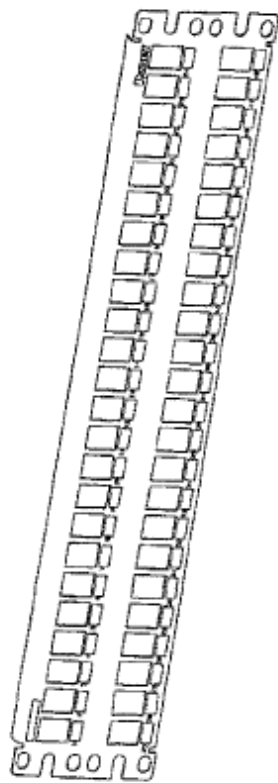
^For standard lengths other than 1 meter (2, 3, 4 or 5) change the length designation in part number to the desired length. For standard cable colors other than Off White, add suffix BU (Blue), GR (Green), RD (Red) or YL (Yellow) before the Y at the end of the part number. For example, the part number for a blue 5 meter patch cord is NK6PC5MBUY.

\*\*To designate a color, add suffix IW (Off White), EI (Electric Ivory), IG (Int'l Gray), WH (White), BL (Black), OR (Orange), RD (Red), BU (Blue), GR (Green) or YL (Yellow).

THIS COPY IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF PANDUIT CORP.

PANDUIT P/N	WEIGHT
NKMP48Y	6.51 LB/10 PCS (2960 g/10 PCS)

- NOTES:**
- SEE CURRENT CATALOG FOR VARIOUS APPLICATIONS WITH THIS WIRING SYSTEM.
  - PATCH PANEL IS DESIGNED FOR MOUNTING TO 19" STANDARD EIA RACKS.
  - PATCH PANELS ACCEPT ALL NETKEY MODULES.
  - DIMENSIONS IN PARENTHESES ARE METRIC.
  - PART INCLUDES:
    - (1) -24 PORT STAMPING
    - (1) -SCREW KIT (INCLUDES FOUR #12-24 SCREWS)
    - (1) -SCREW KIT (INCLUDES FOUR M6 SCREWS)



MODEL FILENAME	M00861ZK_48PORTPANEL_01.PRT	SIZE	A
DRAWING FILENAME	M02479HS_DC203_00A.PRT		

NETKEY 48 PORT ALL METAL MODULAR PATCH PANEL CUSTOMER DRAWING

<b>PANDUIT</b> CORP. TINLEY PARK, IL 60477		TITLE NUMBER	N/A
ALL DIMENSIONS ARE GIVEN IN INCHES. DIMENSIONAL TOLERANCES ARE: (1.X) ±.03 (1.XXX) ±.005 (1.XX) ±.01 ANGLES ± 1°		PRODUCT SPEC	N/A
THIRD ANGLE PROJECTION DRAWN BY: JSP DATE: 3-11-06 CHK'D: [Signature]		WORK INSTRUCTION	N/A
		SCALE	NONE
		PART NO.	NKMP48Y
		DRAWING NO.	02479-203

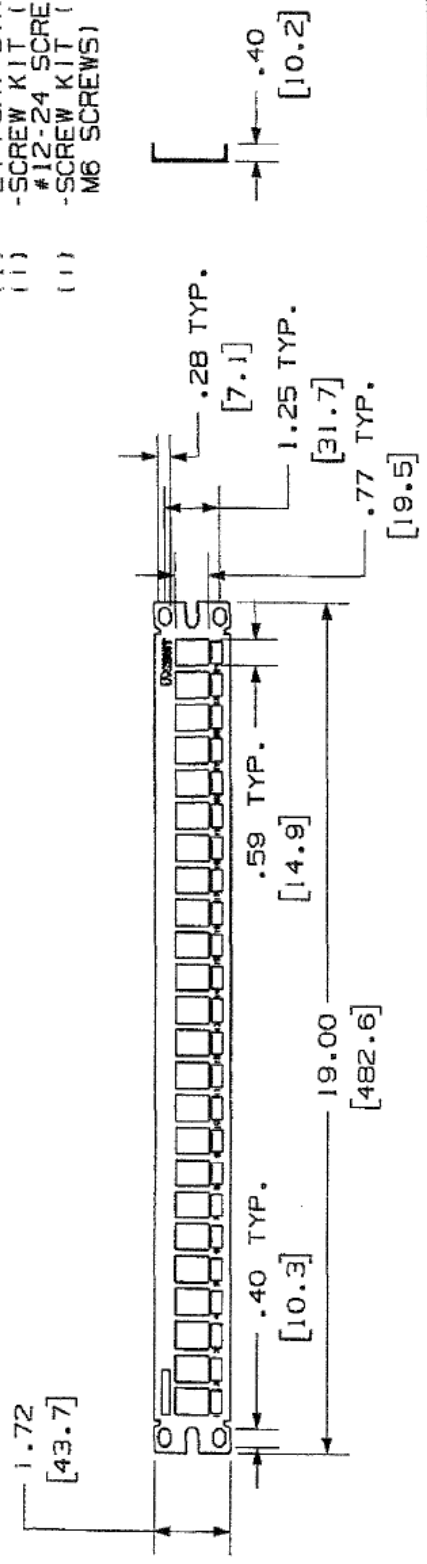
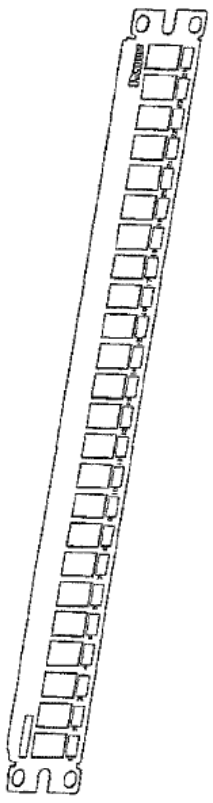
NETWORK SYSTEMS	
MAY 25 2006	
ENGINEERING DEPT	

REV	DATE	BY	CHK	DESCRIPTION	ECN	R	CUST	SUP	OTH
R	3-11-06	JeP	[Signature]	RELEASED TO PRODUCTION	02479-203				

THIS COPY IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF PANDUIT CORP.

PANDUIT P/N	WEIGHT
NKMP24Y	3.9 LB/10 PCS (1777 9/10 PCS)

- NOTES:
- SEE CURRENT CATALOG FOR VARIOUS APPLICATIONS WITH THIS WIRING SYSTEM.
  - PATCH PANEL IS DESIGNED FOR MOUNTING TO 19" STANDARD EIA RACKS.
  - PATCH PANELS ACCEPT ALL NETKEY MODULES.
  - DIMENSIONS IN PARENTHESES ARE METRIC.
  - PART INCLUDES:
    - (1) -24 PORT STAMPING
    - (1) -SCREW KIT (INCLUDES FOUR #12-24 SCREWS)
    - (1) -SCREW KIT (INCLUDES FOUR M6 SCREWS)



MODEL FILENAME	M00661ZJ_24PORTPANEL_02.PRT	SIZE	A
DRAWING FILENAME	M02479HR_DC202_00A.PRT		
NETKEY 24 PORT ALL METAL MODULAR PATCH PANEL CUSTOMER DRAWING			
TINLEY PARK, IL 60477		UNIT NUMBER	N/A
ALL DIMENSIONS ARE GIVEN IN INCHES, UNLESS OTHERWISE SPECIFIED. DIMENSIONAL TOLERANCES ARE: (1-X) ±.03 (1-XXX) ±.005 (1-XX) ±.01 ANGLES ± 1°		PRODUCT SPEC	N/A
THIRD ANGLE PROJECTION		WORK INSTRUCTION	N/A
DRAWN BY: JSP		SCALE	NONE
DATE: 3-11-06		PART NO.	NKMP24Y
REV'D: [Signature]		DRAWING NO.	02479-202
MATERIAL: 16 GAGE C.R.S.			

NETWORK SYSTEMS MAY 25 2006 ENGINEERING DEPT		ECN	R	CUST	SUP	OTH
REV	DATE	BY	CHK	DESCRIPTION		
R	3-11-06	JSP	[Signature]	RELEASED TO PRODUCTION	02479-202	

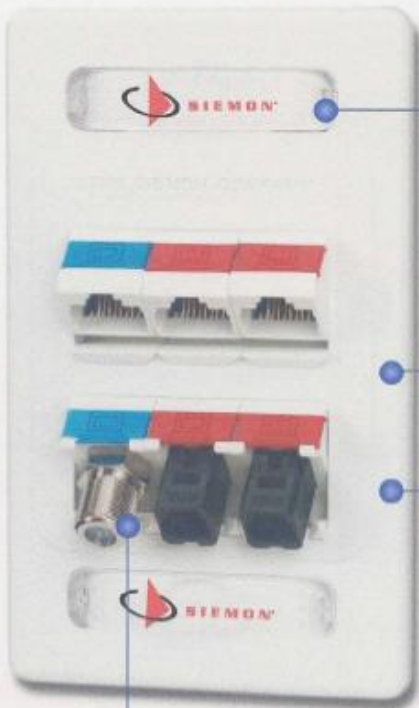


# MAX® FACEPLATES — US

The MAX series modular faceplates combine high capacity with aesthetic enhancements that provide a fresh new look to match today's technologies. The faceplate offers pressure-release designation label covers which eliminate the need for a probe-pic or screwdriver when installing faceplate labels. The faceplates are designed to be used with the angled or flat MAX modules. Its durable finish masks minor scuffs that may occur during daily usage. The single gang faceplate can support up to six MAX modules and the double gang can support up to twelve MAX modules.



WORK AREA



Sheets of designation labels can be ordered for use with printers

Single and double gang faceplates available

Faceplates available in black, white, bright white, grey, ivory, light ivory, and stainless steel

Complete multimedia support



Flexible mounting tab on MAX modules allows installation from front or rear of faceplate

Fits up to 6 outlets in a single gang or 12 in a double gang faceplate

Faceplates include pressure-release designation label covers for quick, tool-less removal

CONNECTING THE WORLD TO A HIGHER STANDARD

WWW.SIEMON.COM



# MAX® 5e MODULES PUNCH-DOWN

Siemon Punch-down MAX 5e modules exceed category 5e performance with component and channel performance to 160 MHz (Performance from 100 - 160 MHz based upon extrapolated TIA/EIA limits). These modules offer all the functional advantages of our MAX 6 outlets and a variety of color options. All modules utilize our S310® punch-down block — making termination quick and easy. Modules can be used for either T568A or T568B wiring configurations.



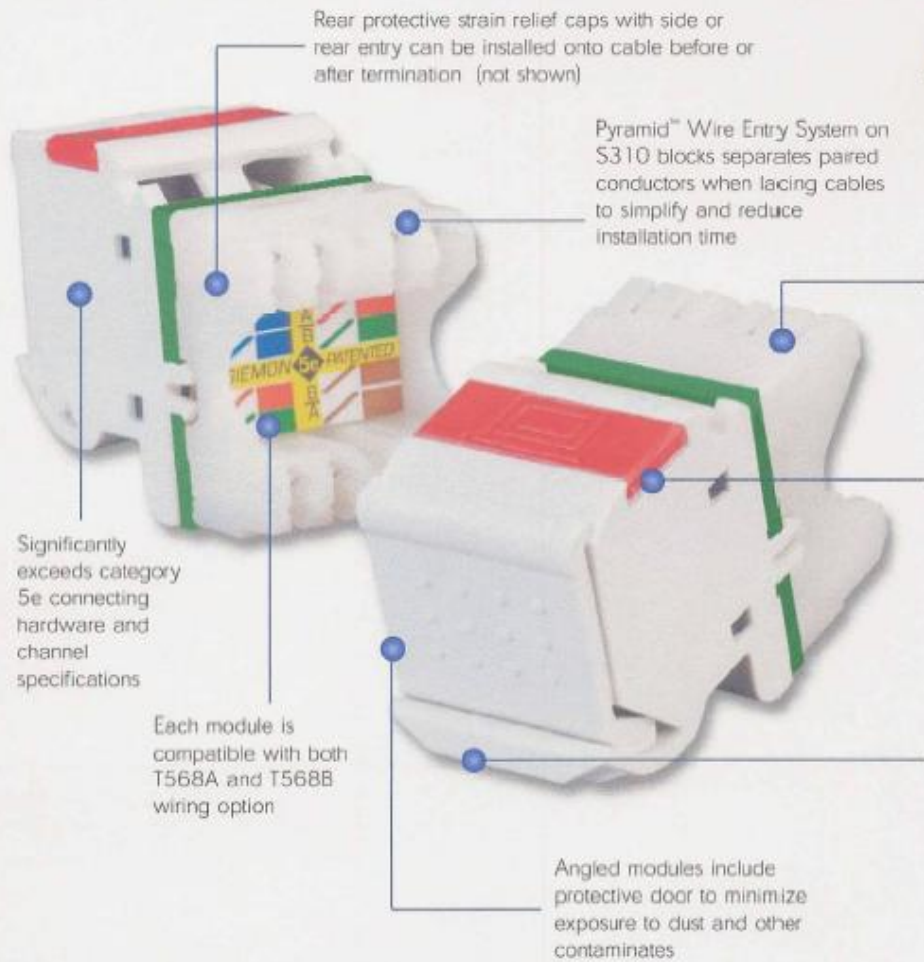
**PATENTED**



**160 MHz**

Now available with universal T568A/B wiring with component and channel performance to 160 MHz.

**WORK AREA**



Rear protective strain relief caps with side or rear entry can be installed onto cable before or after termination (not shown)

Pyramid™ Wire Entry System on S310 blocks separates paired conductors when lacing cables to simplify and reduce installation time

Slim design allows jacks to be side-stacked in faceplates to provide maximum density

Color-coding icons included for port identification

Significantly exceeds category 5e connecting hardware and channel specifications

Each module is compatible with both T568A and T568B wiring option

Flexible mounting tab allows installation from front or rear of faceplate and secures module into the faceplate with or without protective rubber door

Angled modules include protective door to minimize exposure to dust and other contaminants



Utilizes standard 110 tool for quick and easy punch-down termination. Optional Siemon Palm Guard with MX insert firmly holds the module during termination



MAX 5e modules are available in several colors, ideal for color-coding



# HDS® PATCH PANEL

The HDS series patch panels offer the most robust patching solution in the industry. HDS panels with universal T568A/B wiring significantly exceed category 5e requirements with component and channel performance to 160 MHz (Performance from 100 - 160 MHz based upon extrapolated TIA/TIA limits). The front surface of these panels is uninterrupted by screw heads or other hardware for a clean aesthetic appearance that allows sufficient space for circuit designation.

Panels available in 16-, 24-, 48-, and 96-port configurations

Black anodized panels can be mounted directly to an EIA standard 19 inch relay rack or cabinet



PATENTED

**160 MHz**

Featuring universal T568A/B wiring with component and channel performance to 160 MHz.

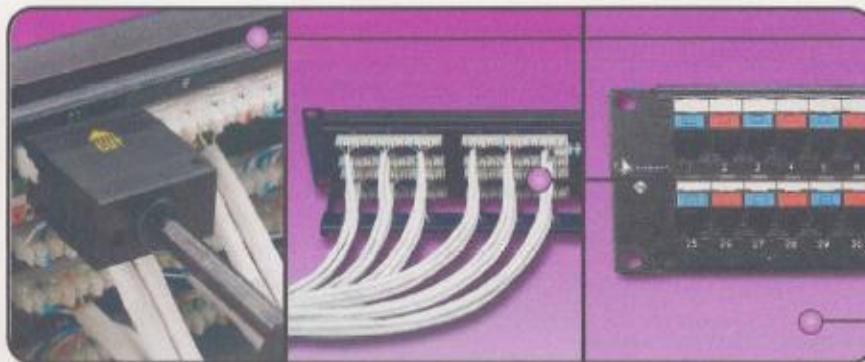
MODULAR PATCHING

The most economical way to order HDS panels is in bulk project pack with universal T568A/B wiring option

Write-on area for panel designation

Port identification numbers on front and rear of panel

Modular outlets are FCC CFR 47 part 68 subpart F and IEC 60603-7 compliant and have 50 microinch gold plated contacts over 100 microinch nickel



Siemon compliant pin technology allows the use of Siemon's multi-pair impact tool to significantly reduce termination time. S110® termination opening on the rear are compatible with S110 patch plugs

Integrated rear cable manager properly guides cables to and from the rear of the panel

Icon and label holder kits are included with every panel

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# 5e LAN™

## 4 Pair #24 AWG UTP Category 5e Cable

### DESCRIPTION

UNSHIELDED TWISTED PAIR (UTP) CATEGORY 5e CABLE FOR USE IN HORIZONTAL CABLING SYSTEMS PER ANSI/TIA/EIA 568-B. THE CABLE EXCEEDS CATEGORY 5e ELECTRICAL CHARACTERISTICS AND IS TESTED TO 200 MHz. THE CABLE CONSISTS OF #24 AWG SOLID BARE COPPER INSULATED CONDUCTORS, ASSEMBLED INTO FOUR TIGHTLY TWISTED PAIRS, WITH A RIPCORD, UNDER AN OVERALL JACKET. PRINT INCLUDES DESCENDING FOOTAGE MARKERS FROM 1000 TO 0 ON EACH 1000 FT REEL OR BOX. THIS PRODUCT AND/OR ITS MANUFACTURE IS COVERED BY US PATENT NOS. 5424491 & 5583377 (PL).

THE PLENUM RATED CABLE IS FOR USE IN AIR HANDLING DUCTS AND SPACES IN ACCORDANCE WITH ARTICLE 800 OF THE NATIONAL ELECTRICAL CODE (NEC). THE CABLE IS UL (USA) & cUL (CANADA) LISTED FOR THIS APPLICATION BY PASSING NFPA 262 (UL 910 OR FT-6 STEINER TUNNEL) TEST.

THE RISER NON-PLENUM RATED CABLE IS FOR USE AS A VERTICAL RUN IN A SHAFT AND FOR GENERAL PURPOSE COMMUNICATIONS USE IN ACCORDANCE WITH ARTICLE 800 OF THE NEC. THE CABLE IS ETL (USA) & cETL (CANADA) LISTED FOR THIS APPLICATION BY PASSING UL 1666 RISER CABLE FLAMMABILITY TEST. THE CABLE ALSO PASSES THE CSA FT4 VERTICAL FLAME TEST - CABLES IN CABLE TROUGH FROM CLAUSE 4.11.4 OF CSA C22.2 NO. 0.3.

THIS CABLE COMPLIES WITH THE EU-RoHS DIRECTIVE 2002/95/EC (RESTRICTIONS ON HAZARDOUS SUBSTANCES) REGULATIONS.

### SUPPORTED APPLICATIONS

IEEE 802.3 10BASE-T (ETHERNET), 100BASE-T (FAST ETHERNET), AND 1000BASE-T (GIGABIT ETHERNET), ANSI X3.263 FDDI/T-PMD, IEEE 802.5 4 AND 16 Mbps TOKEN RING, ATM UP TO 155 Mbps.

### INDUSTRY APPROVALS

**STANDARDS:** TIA/EIA 568-B.2 CAT 5e HORIZONTAL CABLE

**LISTINGS:** PL: UL/cUL TYPE CMP  
NP: c(ETL)us TYPE CMR

**PERFORMANCE:** ETL VERIFIED TO TIA/EIA CAT 5e

### CONSTRUCTION

**PRIMARIES:** CONDUCTOR: 24 AWG (.5 mm) SOLID BARE COPPER

INSULATION:  
PL: DUAL INSULATION, FEP ON ALL 4 PAIRS  
NP: THERMOPLASTIC POLYOLEFIN

**PAIR ASSEMBLY:** 2 PRIMARIES TWISTED IN VARIED LAYS

**COLOR CODE:** SEE TABLE 1

**CABLE ASSEMBLY:** 4 PAIRS CABLED TOGETHER

**JACKET:** PL: NO LEAD PLENUM RATED THERMOPLASTIC  
NP: NO LEAD FLAME RETARDANT THERMOPLASTIC

JACKET COLOR: SEE TABLE 2  
NOMINAL CABLE OD: PL: .185" (4.7 mm)  
NP: .190" (4.8 mm)

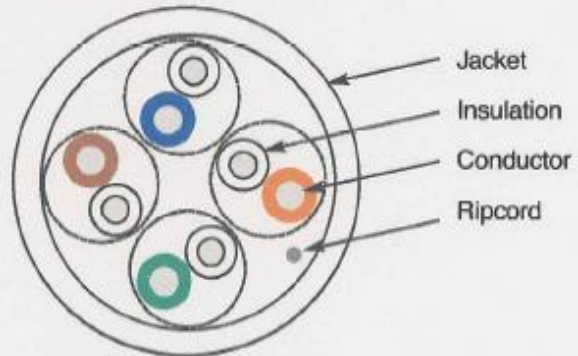


TABLE 1

PAIR NUMBER	PAIR COLOR CODE	
1	WHITE-BLUE	BLUE
2	WHITE-ORANGE	ORANGE
3	WHITE-GREEN	GREEN
4	WHITE-BROWN	BROWN

TABLE 2

PLENUM		NON-PLENUM	
PART NUMBER	JACKET COLOR	PART NUMBER	JACKET COLOR
M57545	GRAY	M57552	LT. GRAY
M57546	BLUE	M57553	BLUE
M57547	WHITE	M57554	WHITE
M57548	PINK	M57555	PINK
M57550	YELLOW	M57556	YELLOW
M57551	LM. GREEN	M57557	GREEN
M57723	BROWN	M58007	VIOLET
M57761	VIOLET	M58008	RED
M57887	RED	M58009	ORANGE
M57924	ORANGE	M58010	BLACK
M57936	BLACK	M58234	LM. GREEN
M58069	KELLEY GREEN	M58312	DK. BROWN

### PHYSICAL CHARACTERISTICS

**CABLE WEIGHT:** PL: 23 lbs/1000ft (34 kg/km)  
NP: 20 lbs/1000ft (30 kg/km)

**BENDING RADIUS:** 1" (25.4 mm) MIN (4 x CABLE OD)

**PULLING TENSION:** 25 lbf (110 N) MAX

**OPERATING TEMP.:** -20°C to +60°C (-4°F to +140°F)

**STORAGE TEMP.:** -20°C to +75°C (-4°F to +167°F)

**INSTALLATION TEMP.:** 0°C to +60°C (+32°F to +140°F)

\*THE INSTALLATION TEMPERATURE REFERS TO THE TEMPERATURE OF THE CABLE WHILE BEING INSTALLED OR PULLED. DO NOT INSTALL CABLE BELOW 0°C (+32°F).

PL = PLENUM  
NP = NON-PLENUM

**MOHAWK**  
Cabling Excellence for Open Architecture





# GenSPEED® Quick Reference Part Number Chart

JACKET COLOR	PACKAGE	Category 5e GenSPEED® 5000		Category 5e GenSPEED® 5000 Screened		Category 5e+ GenSPEED® 5350		Premium Category 5e GenSPEED® 5500	
		CMR	CMP	CMR	CMP	CMR	CMP	CMR	CMP
<b>Blue</b>									
	Pull-Pac®	5133299E	5131278E			6133712	6131690	6133290	6131278
	Spool-Pac®	5133374E	5131431E			6133707*	6131688	6133403	6131433
	Spool	5133300E	5131282E	2133496E	2131611E	6133703*	6131686		6131282
	Bulk**	5133300E.2.5R	5131282E.3R			6133703.2.5R	6131686.3R	6133282.2.5R	6131282.3R
<b>White</b>									
	Pull-Pac®	5133255E	5131361E			6133713	6131691	6133255	6131361
	Spool-Pac®	5133342E	5131450E			6133708	6131689*	6133339	6131449
	Spool	5133250E	5131365E	2133774E	2131778E	6133704*	6131687	6133492	6131618
	Bulk**	5133250E.2.5R	5131365E.3R			6133704.2.5R	6131687.3R	6133492.2.5R	6131618.3R
<b>Yellow</b>									
	Pull-Pac®	5133289E	5131379E			6133715	6131693	6133289	6131546
	Spool-Pac®	5133448E	5131546E			6133717	6131695	6133369	6131379
	Spool		5131648E*	2133777E	2131777E	6133719*	6131697*	6133348*	6131382
	Bulk**	5133251E.2.5R	5131648E.3R			6133719.2.5R	6131697.3R	6133348.2.5R	6131382.3R
<b>Gray</b>									
	Pull-Pac®	5133200E	5131418E			6133714	6131692	6133200	6131418
	Spool-Pac®	5133329E	5131456E			6133716	6131694*	6133331	6131619
	Spool	5133204E	5131475E*	2133495E	2131673E	6133718	6131696	6133334*	
	Bulk**								
<b>Red</b>									
	Pull-Pac®	5133274E	5131477E					6133274*	6131477
	Spool-Pac®	5133427E*	5131553E				6131732*		6131635*
	Spool		5131383E*	2133778E	2131774E				
	Bulk**								
<b>Orange</b>									
	Pull-Pac®	5133383E	5131422E			6133761*		6133746	6131422
	Spool-Pac®							6133383*	6131576*
	Spool	5133667E*		2133776E	2131776E		6131733*		
	Bulk**								
<b>Green</b>									
	Pull-Pac®	5133512E	5131547E				6131699*	6133512	6131547
	Spool-Pac®	5133693E*	5131575E*				6131731*	6133615*	6131575
	Spool	5133649E	5131649E	2133775E	2131775E		6131700	6133616*	6131757
	Bulk**	5133649E.2.5R	5131649E.3R				6131700.3R	6133616.2.5R	6131757.3R
<b>Black</b>									
	Pull-Pac®	5133696E*	5131683E*				6131707*	6133696*	6131683*
	Spool-Pac®								
	Spool		5131689E	2133779E	2131779E				
	Bulk**								
<b>Pink</b>									
	Pull-Pac®	5133290E	5131380E					6133290	6131709*
	Spool-Pac®	5133447E*	5131478E*					6133447*	6131478*
	Spool							6133341	
	Bulk**								
<b>Purple</b>									
	Pull-Pac®	5133445E	5131730E*					6133445	6131710*
	Spool-Pac®							6133446*	
	Spool								
	Bulk**								

\* These items are non-stock and may be subject to minimum order quantities.  
 \*\* Available in 2000', 2500' and 3000' reels.