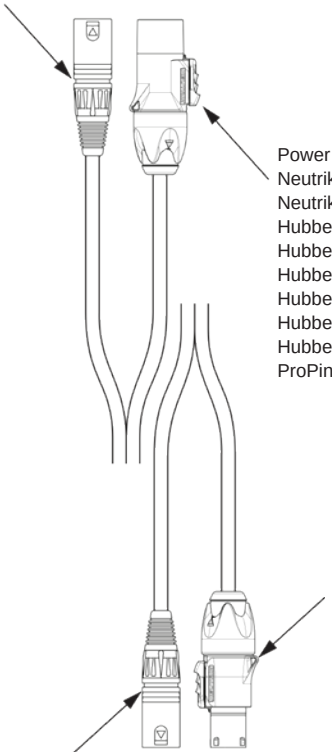
Pro Cables™

POWERDATA **ASSEMBLIES**
ProPlex® CAT6a + 12 AWG

Data Connector Options
ProSeries® RJ45 with Neutrik EtherCon™
ProSeries® RJ45 with ProShell® Backshell
ProSeries® RJ45 with snagless rubber boot



Power Connector Options—Male
Neutrik TRUE1 TOP™ 20A
Neutrik PowerCon™ 20A Grey
Hubbell™ NEMA 5-15P 15A Edison – All Black
Hubbell™ NEMA 5-20P 20A Edison – All Black
Hubbell™ NEMA L5-15 15A Twist-Lock
Hubbell™ NEMA L5-20 20A Twist-Lock
Hubbell™ NEMA L6-15 20A Twist-Lock
Hubbell™ NEMA L6-20 20A Twist-Lock
ProPin® 20A Stage Pin

Power Connector Options—Female
Neutrik TRUE1 TOP™ 20A
Neutrik PowerCon™ 20A Blue
Hubbell™ NEMA 5-15R 15A Edison – All Black
Hubbell™ NEMA 5-20R 20A Edison – All Black
Hubbell™ NEMA L5-15 15A Twist-Lock
Hubbell™ NEMA L5-20 20A Twist-Lock
Hubbell™ NEMA L6-15 20A Twist-Lock
Hubbell™ NEMA L6-20 20A Twist-Lock
ProPin® 20A Stage Pin

Data Connector Options
ProSeries® RJ45 with Neutrik EtherCon™
ProSeries® RJ45 with ProShell® Backshell
ProSeries® RJ45 with snagless rubber boot

Description
Road worthy CAT6a with 12 AWG power for touring applications and more. Reduce the chaos and enjoy fewer tangles! This single jacket cable is the next evolution in power/data connections that eliminates the need for painstaking banding that separates over time. Specify pigtail lengths to perfect your unique system connections and simplify networking connections.

Features
- 10-Gigabit networking and power in one jacket
- Custom cable built to the highest standards
- Suitable for long-term portable use
- Famous ProPlex handling, reliability, data integrity!
- 100% of TMB Ethernet cable assemblies are tested to ensure they meet all parameters of the TIA 568-C.2 standard for Category 6a by use of a Fluke Industrial Ethernet Cable Analyzer. All tests are recorded and stored for each cable assembly and are available to customers upon request.

Applications
Portable uses of all kinds: Concerts; Touring; Theatre; Film and Television Production; Military; Mining; Industrial Connectivity/Control; Communication; Automation; Security; Temporary Networking

Available Cables
ProPlex® PowerData CAT6a + 12 AWG 3C

Available Data Connectors
Neutrik EtherCon™
ProSeries® RJ45 with ProShell® Backshell
ProSeries® RJ45 with ProShell® Backshell – with cap
ProSeries® RJ45 with rubber boot — various colors

Available Power Connectors
Neutrik PowerCon TRUE1 TOP™ 20A
Neutrik PowerCon™ 20A
Hubbell™ NEMA 5-15 15A Edison
Hubbell™ NEMA 5-20 20A Edison
Hubbell™ NEMA L5-15 15A Twist-Lock
Hubbell™ NEMA L5-20 20A Twist-Lock
Hubbell™ NEMA L6-15 15A Twist-Lock
Hubbell™ NEMA L6-20 20A Twist-Lock
ProPin® 20A Stage Pin

The First and Still the Best!
TMB Pro Cables – High-quality custom cable assemblies for the entertainment production and staging industry since 1983!
Over 60 highly skilled assembly technicians worldwide.
Well over 400 years combined experience!
Rigorous testing and quality control
Famous TMB Rush Service Normal!

MADE IN THE USA

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sales@tmb.com

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Specifications are subject to change without notice. This information supersedes all previously supplied information.

PCCAT6AT123
Extra heavy-duty portable (indoor/outdoor) PowerData CAT6A + 12/3 mains cable.

Data
Fully tested and verified to meet all CAT6a horizontal specs up to 85 meters.
4 pair, 24 AWG (0.205mm²), 100 Ohm SF/UTP round cables, double shielded aluminized polyester foil applied over tinned copper braid, internally jacketed in black UV-resistant TPE (thermoplastic elastomer).
Conforms to EIA/TIA 568-C-2 and ISO/IEC 11801 CAT6a requirements.

Power
Extra heavy-duty 12 AWG (3.3mm²), 3-conductor, round cable with PVC insulation, internally jacketed in black polyvinyl chloride.

Overall
Cable UL Listed. Power + data components jacketed in UV-resistant PVC with fibrillated polyethylene filler

Full specifications at: https://tmb.com/docs/proplex/powerdata/ProPlex-PowerData-PCCAT6AT123-LTR-web.pdf

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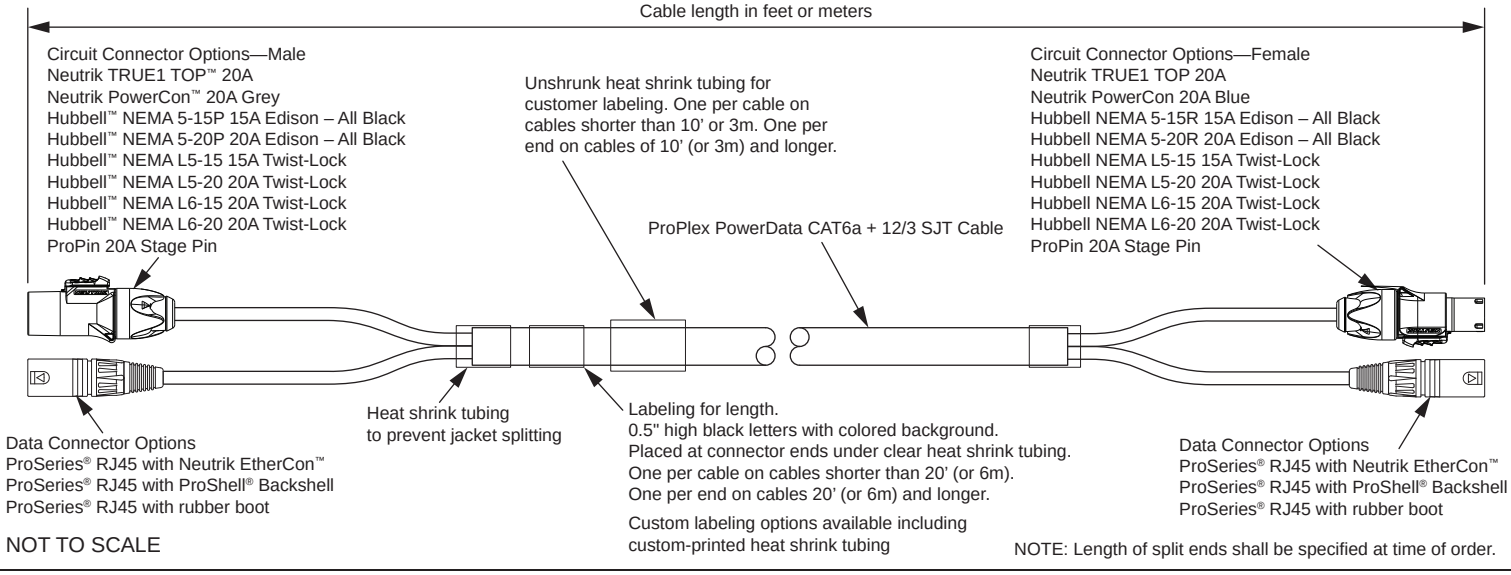
ProPlex® CAT6a + 12 AWG



NOT TO SCALE

NOTE: Length of split ends shall be specified at time of order.

Example Code

Z	PD2	TM	TF	EE	10	L

Z	Designates cable assembly

PD3	ProPlex PowerData CAT6a + 12/3 SJT Cable

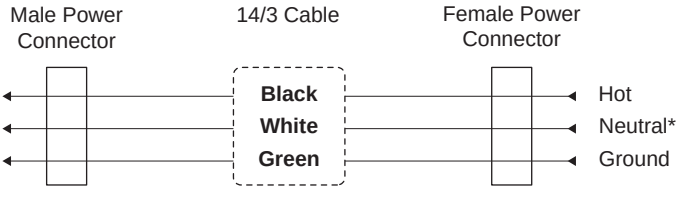
	Skip this section unless ordering custom labeling
L	Custom labeling per spec

10	Length of cable in feet
10M	Length of cable in meters

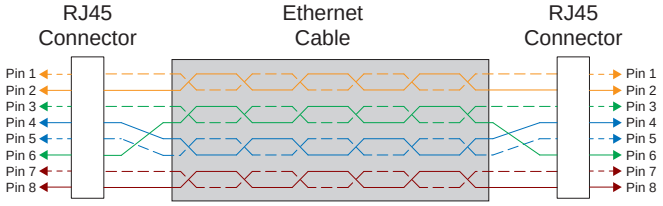
EE	Neutrik EtherCon® Connectors
PJC	ProShell® RJ45 Connectors w/caps
PJ	ProShell® RJ45 Connectors
RJ	ProSeries® RJ45 with rubber boot

Male End	Female End	
TM	TF	Neutrik TRUE1 TOP 20A Connectors
AA	BB	Neutrik PowerCon 20A Connectors
PB	PB	Hubbell NEMA 5-15 15A Edison Connectors
22	22	Hubbell NEMA 5-20 20A Edison Connectors
33	33	Hubbell NEMA L5-15 15A Twist-Lock Connectors
44	44	Hubbell NEMA L5-20 20A Twist-Lock Connectors
55	55	Hubbell NEMA L6-15 15A Twist-Lock Connectors
66	66	Hubbell NEMA L6-20 20A Twist-Lock Connectors
SP	SP	ProPin 20A Stage Pin Connectors
BE	BE	Bare End

ELECTRICAL SCHEMATIC



* Neutral or 2nd Hot in 208/240V Systems



Cable is wired in compliance with EIA/TIA 568B Standard

ELECTRICAL RATING

5-15, L5-15 connectors – 15A, 125 VAC Max, 2-Pole, 3-Wire
L6-15 connectors – 15A, 250 VAC Max, 2-Pole, 3-Wire
L5-20, Stage Pin connectors – 20A, 125 VAC Max, 2-Pole, 3-Wire
L6-20, PowerCon, True1 connectors – 20A, 250 VAC Max, 2-Pole, 3-Wire

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