Pro Cables™

DATAPLEX® ETHERNET ASSEMBLIES
CAT6a + CAT5e

Description
Heavy duty portable CAT5e and CAT6a network cable assemblies with a choice of three heavy-duty connector formats

TMB Pro Cables offers a comprehensive range of cable assemblies, serving the needs of lighting, audio, video, and power distribution professionals in the entertainment production and staging industry. Dependable, highest quality Dataplex ethernet cables - proven to withstand years of heavy portable use. From the Super Bowl Half-Time Show, to the Academy Awards, to a rock concert near you, the industry standard for entertainment and live event networks.

Available fully assembled in standard and custom lengths,. Also available with custom connector configurations.

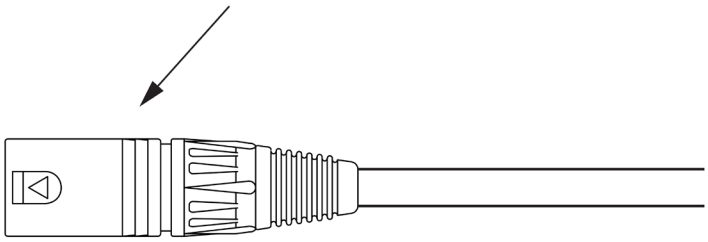
Features
- Flexible yet rugged Dataplex network cables combine outstanding data transmission, noise rejection and very low skew with easy handling. Proven to withstand the most extreme handling and conditions
- CAT6a and CAT5e assemblies
- Perfect for any indoor, outdoor, or temporary underwater application requiring robust, dependable Ethernet cable assemblies
- Labeling for length, standard
- High quality, custom printed Customer ID cable labeling, optional
- Sash cord cable tie, optional
- 100% of TMB Ethernet cable assemblies are tested to ensure they meet all parameters of the TIA 568-C.2 standard for Category 5e or 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 networks of all kinds: Concerts; Touring; Theatre; Film and Television Production; Military; Mining; Industrial Connectivity/Control; Communication; Automation; Security; Temporary Networking

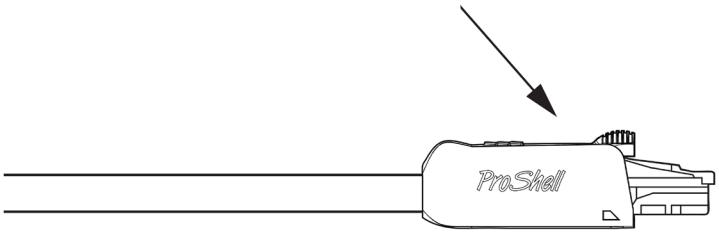
Available Cables
Dataplex® CAT6a SF/UTP
Dataplex® CAT5e SF/UTP

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

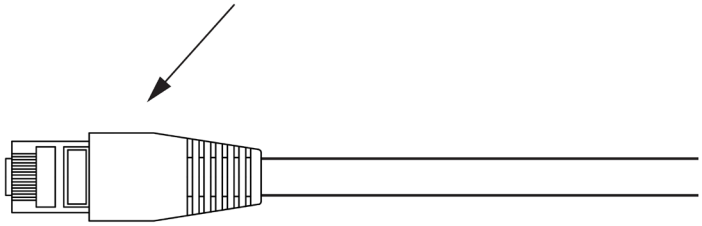
ProSeries® RJ45 Connector with Neutrik EtherCon®



ProSeries® RJ45 Connector with ProShell® Backshell



ProSeries® RJ45 Connector with rubber boot – various colors



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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Dataplex® CAT6a Cable

WDPCAT6AT
Heavy-duty portable (indoor/outdoor) CAT6a assemblies, each fully tested and verified to meet all CAT6a horizontal specs up to 85 meters.
4 twisted pair, 24 AWG (0.205mm²), 100 Ohm SF/UTP round cable, double shielded with aluminized polyester foil applied over tinned copper braid, jacketed in black UV-resistant TPE (thermoplastic elastomer).
Conforms to EIA/TIA 568-C-2 and ISO/IEC 11801 CAT6a requirements.
Full specifications at: https://tmb.com/docs/dataplex-cables/Dataplex-CAT6a-LTR-web.pdf

Dataplex® CAT5e Cable

WDPCAT5ET
Heavy-duty portable (indoor/outdoor) CAT5e assemblies, each fully tested and verified to meet all CAT5e horizontal specs up to 90 meters.
4 twisted pair, 24 AWG (0.205mm²), 100 Ohm SF/UTP round cable, double shielded with aluminized polyester foil applied over tinned copper braid, jacketed in black UV-resistant TPE (thermoplastic elastomer).
Conforms to EIA/TIA 568-C-2 and ISO/IEC 11801 CAT5e requirements.
Full specifications at: https://tmb.com/docs/dataplex-cables/Dataplex-CAT5e-LTR-web.pdf

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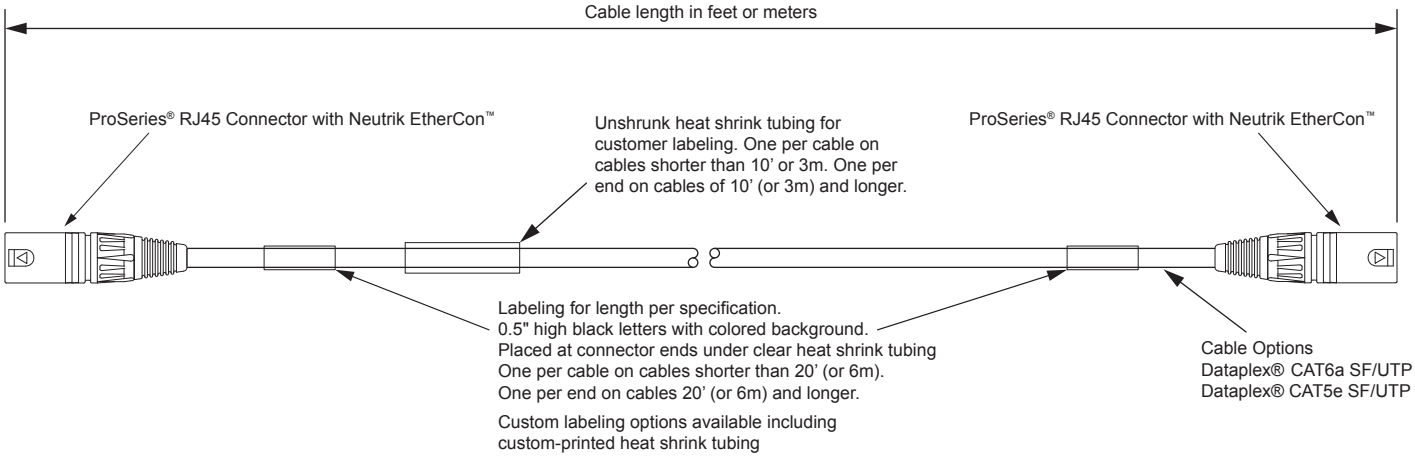


NOT TO SCALE

Example Code

Z	DPCAT6A	NE	25	L

Z	Designates cable assembly

DPCAT6A	Dataplex® CAT6a SF/UTP Cable
DPCAT5T	Dataplex® CAT5e SF/UTP Cable

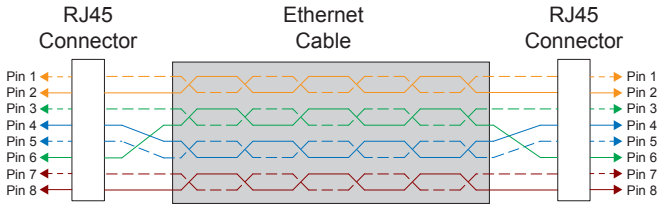
NE	ProSeries® RJ45 Connectors with Neutrik EtherCon™

25	Length of cable in feet
25M	Length of cable in meters

Cables are spec limited to the following lengths
Dataplex CAT6a - 278' [85m]
Dataplex CAT5e - 295' [90m]

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

ELECTRICAL SCHEMATIC



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

NOTE: Cables are assembled with ProSeries RJ45 Connectors. Model used is based on the cable type.

WDPCAT6AT - RJ45SKV4
WDPCAT5ET - RJ45SKV4

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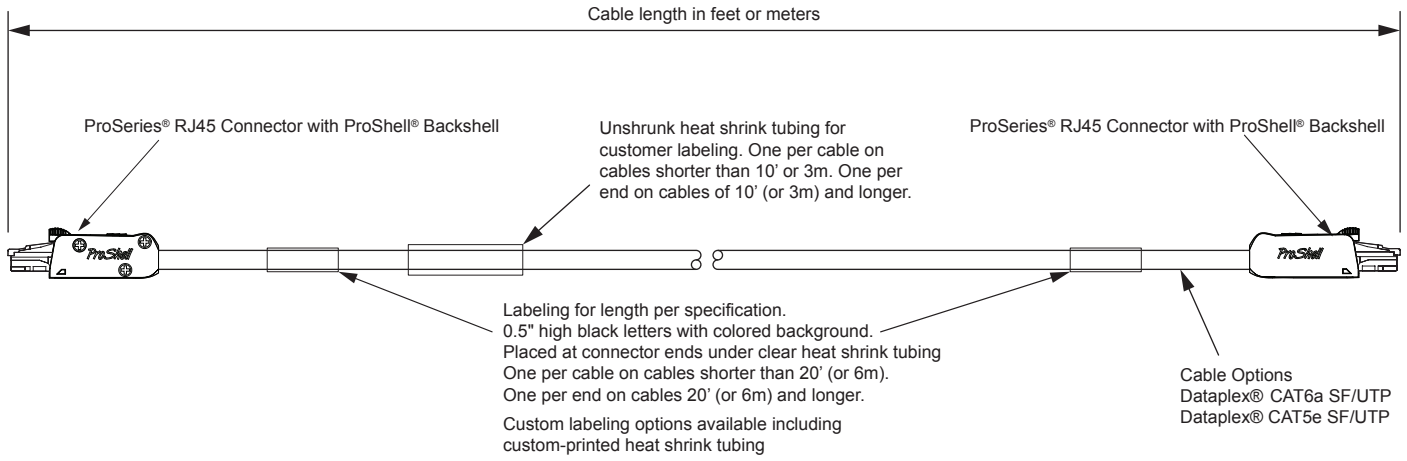


NOT TO SCALE

Example Code

Z	DPCAT6A	PJ	25	L

Z	Designates cable assembly

DPCAT6A	Dataplex® CAT6a SF/UTP Cable
DPCAT5T	Dataplex® CAT5e SF/UTP Cable

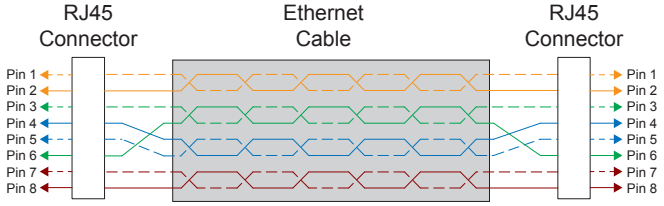
PJ	ProSeries® RJ45 Connectors with ProShell® Backshell
PJC	ProSeries® RJ45 Connectors with ProShell® Backshell – with cap

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

25	Length of cable in feet
25M	Length of cable in meters

Cables are spec limited to the following lengths
Dataplex CAT6a - 278' [85m]
Dataplex CAT5e - 295' [90m]

ELECTRICAL SCHEMATIC



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

NOTE: Cables are assembled with ProSeries RJ45 Connectors and ProShells. Model used is based on the cable type.

WDPCAT6AT - RJ45SKV4 - ProShell PRJ0V2-BK
WDPCAT5ET - RJ45SKV2 - ProShell PRJ0V2-BK

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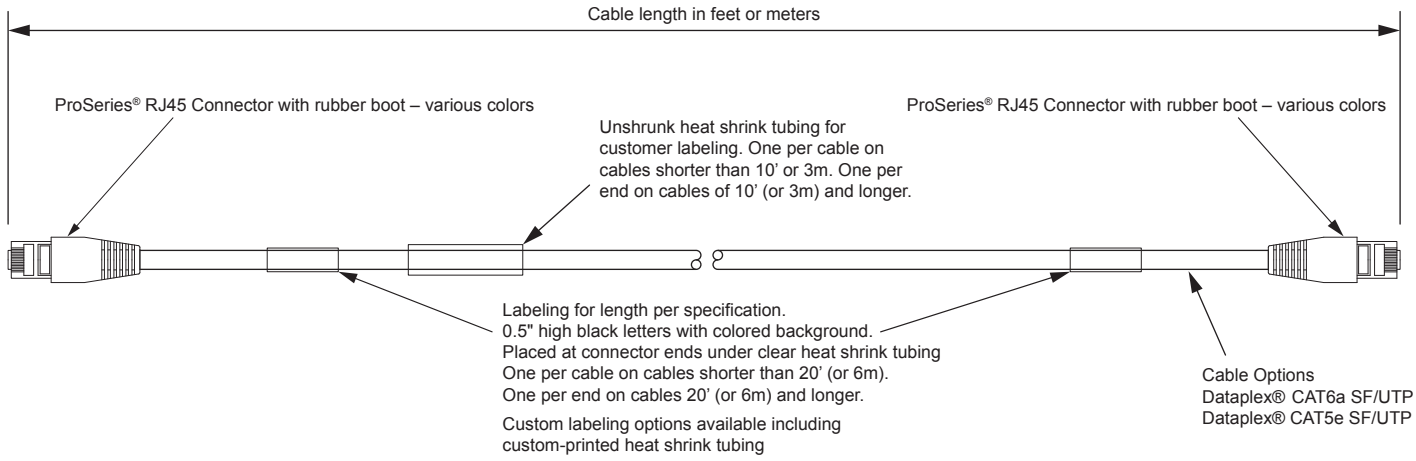


NOT TO SCALE

Example Code

Z	DPCAT6A	RJ	25	L

Z	Designates cable assembly

DPCAT6A	Dataplex® CAT6a SF/UTP Cable
DPCAT5T	Dataplex® CAT5e SF/UTP Cable

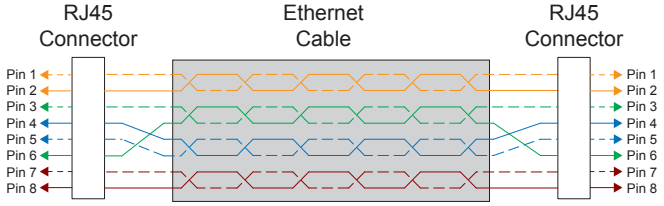
RJ	ProSeries® RJ45 Connectors with rubber boot – various colors

25	Length of cable in feet
25M	Length of cable in meters

Cables are spec limited to the following lengths
Dataplex CAT6a - 278' [85m]
Dataplex CAT5e - 295' [90m]

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

ELECTRICAL SCHEMATIC



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

NOTE: Cables are assembled with ProSeries RJ45 Connectors. Model used is based on the cable type.

WDPCAT6AT - RJ45SKV4
WDPCAT5ET - RJ45SKV4

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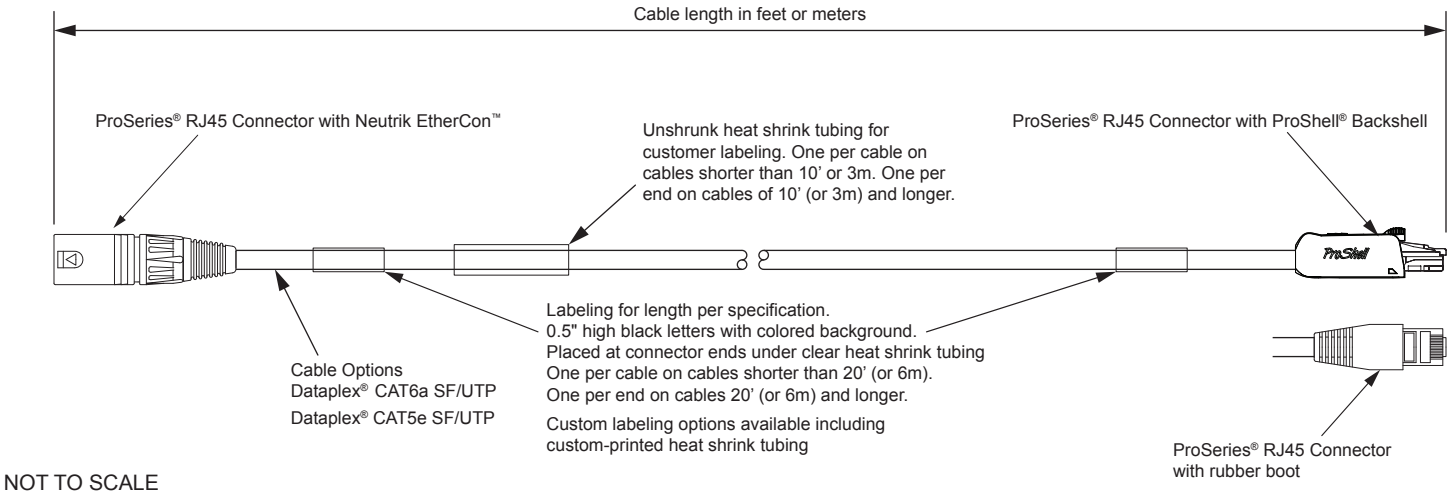


NOT TO SCALE

Example Code

Z	DPCAT6A	NE	PJ	25	L

Z	Designates cable assembly

DPCAT6A	Dataplex® CAT6a SF/UTP Cable
DPCAT5T	Dataplex® CAT5e SF/UTP Cable

NE	ProSeries® RJ45 Connector with Neutrik EtherCon™ – one end

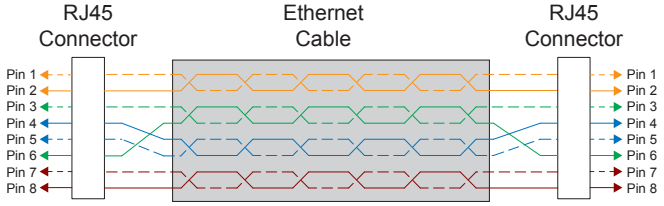
PJ	ProSeries® RJ45 Connector with ProShell® Backshell – one end
PJC	ProSeries® RJ45 Connector with ProShell® Backshell with cap – one end
RJ	ProSeries® RJ45 Connector with rubber boot – one end

25	Length of cable in feet
25M	Length of cable in meters

Cables are spec limited to the following lengths
Dataplex CAT6a - 278' [85m]
Dataplex CAT5e - 295' [90m]

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

ELECTRICAL SCHEMATIC



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

NOTE: Cables are assembled with ProSeries RJ45 Connectors and ProShells. Model used is based on the cable type.

WDPCAT6AT - RJ45SKV4 - ProShell PRJ0V2-BK
WDPCAT5ET - RJ45SKV2 - ProShell PRJ0V2-BK

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