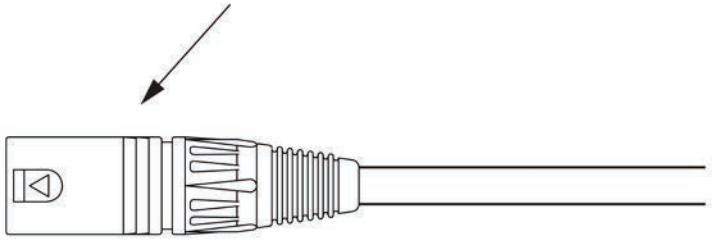
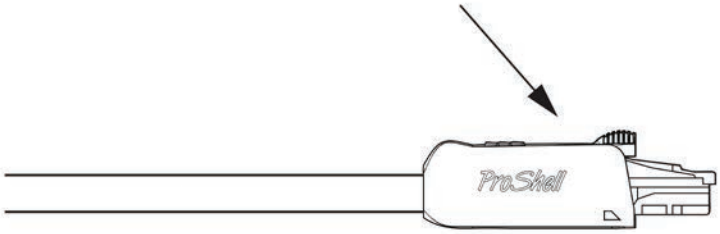
Pro Cables™

ProPlex® ETHERNET **ASSEMBLIES**
CAT6a + CAT5e FIGURE-8

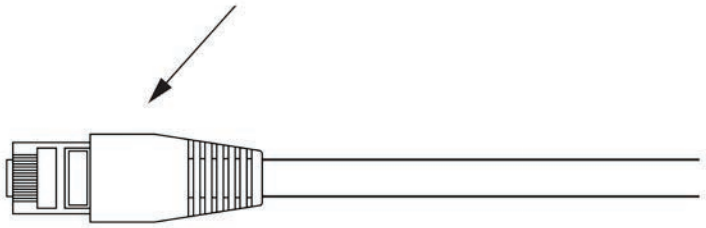
ProSeries® RJ45 Connectors with Neutrik EtherCons™



ProSeries® RJ45 Connectors with ProShells®



ProSeries® RJ45 Connectors with rubber boots – various colours



Description

High quality, extremely durable, portable CAT5e and CAT6a dual, "Figure-8" network cable assemblies with a choice of three heavy-duty connector formats.

TMB Pro Cables offers a comprehensive range of assemblies, cables, connectors and accessories, for professional applications of all kinds. Founded almost 40 years ago to serve the challenging demands of the portable live events industry, TMB has innovated and expanded, now serving a variety of different markets, specializing in quality, durable, portable cabling.

Dependable, highest quality ProPlex dual, Figure-8, Ethernet cables feature the attention to detail that puts Pro Cables assemblies in a class of their own. Proven to provide optimum performance over years of heavy portable use. From the Super Bowl Half-Time Show, to the Academy Awards, to a rock concert near you, ProPlex, the industry standard for entertainment and live event networks.

Available fully assembled in standard and custom lengths, with your choice of heavy duty connector formats. Also available with custom connector configurations.

Features

- Flexible yet rugged ProPlex Figure-8 cables offer the convenience of two Ethernet "universes" in one assembly
- Outstanding data transmission and noise rejection
- Flexible, Kevlar-reinforced, stranded conductors with extended length performance, up to 90m (CAT5e) and 85m (CAT6a)
- Proven to withstand the most extreme use and conditions over many years
- Perfect for any portable network - indoor, outdoor, or temporary underwater - requiring robust, dependable cables
- Labeling for length, standard
- High quality, custom printed Customer ID cable labeling, optional
- Velcro cable tie, standard

Applications

Portable networks of all kinds: Live events, Film and TV, industrial, scientific, exploration, defense, security, marine, communications, and more

Available Cables

ProPlex® CAT6a S/FTP Figure-8 (maximum length 85m)
ProPlex® CAT5e "Ultra" Extended Length S/FTP Figure-8 (maximum length 90m)

Available Connectors

ProSeries® RJ45 with Neutrik EtherCon™
ProSeries® RJ45 with ProShell® durable backshell, with optional cap
ProSeries® RJ45 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 UK/EU

Los Angeles +1 818.899.8818 | London +44 (0)20.8574.9700 | New York +1 201.896.8600 | Toronto +1 519.538.0888 | Beijing +86 10.8492.1587 | Riga +37 16.868.8955

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ProPlex® Figure-8 Cables

ProPlex CAT6a Figure-8 Cable – PCCAT6AP2X
Extra heavy-duty portable (indoor/outdoor) CAT6a cable, fully tested and verified to meet all CAT6a horizontal specs up to 85 metres (and all CAT6a horizontal specs except attenuation up to 100 metres). 2x 4 twisted pair, 24 AWG (0.205mm²), 100 Ohm S/FTP round cable, double shielded (individual pairs), Kevlar reinforced, with black, tear and UV-resistant PUR jacket. Conforms to EIA/TIA 568-C-2 and ISO/IEC 11801 CAT6a requirements.
Full specifications at: https://tmb.com/docs/proplex/cat6a/pdf/ProPlex-PCCAT6AP2X-A4-web.pdf

ProPlex CAT5e Figure-8 Cable – PCCAT5EPU2X
Extra heavy-duty portable (indoor/outdoor) CAT5e cable, fully tested and verified to meet all CAT5e horizontal specs up to 90 metres (and all CAT5e horizontal specs except attenuation up to 100 metres). 2x 4 twisted pair, 24 AWG (0.205mm²), 100 Ohm S/FTP round cable, double shielded (individual pairs), Kevlar reinforced, with black, tear and UV-resistant PUR jacket. Conform to EIA/TIA 568-C-2 and ISO/IEC 11801 CAT5e requirements.
Full specifications at: https://tmb.com/docs/proplex/cat5e/pdf/ProPlex-PCCAT5EPU2X-A4-web.pdf

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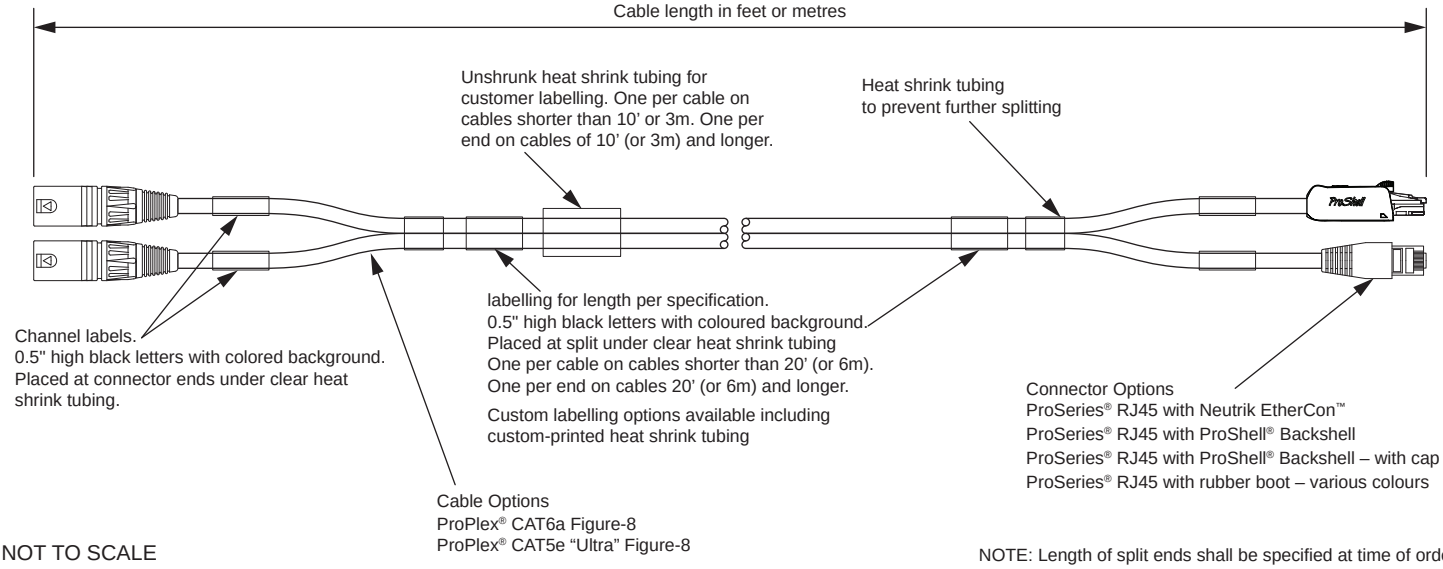
ProPlex® ETHERNET **ASSEMBLIES**
CAT6a + CAT5e FIGURE-8



NOT TO SCALE

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

Example Code

Z	SNCT52	NE	PJ	50M	L

Z	Designates cable assembly

SNCT62	ProPlex® CAT6a Figure-8 Cable
SNCT52	ProPlex® CAT5e "Ultra" Figure-8 Cable

NE	ProSeries® RJ45 Connector with Neutrik EtherCon™
PJ	ProSeries® RJ45 Connector with ProShell® Backshell
PJC	ProSeries® RJ45 Connector with ProShell® Backshell – with cap
RJ	ProSeries® RJ45 Connector with rubber boot – various colours

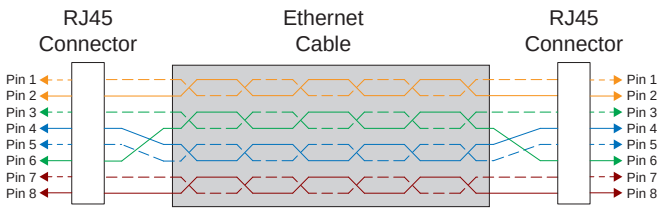
	Skip this section for all connectors to be the same
PJ	ProSeries® RJ45 Connector with ProShell® Backshell – on one end
PJC	ProSeries® RJ45 Connector with ProShell® Backshell – with cap on one end
RJ	ProSeries® RJ45 Connector with rubber boot – on one end

	Skip this section unless ordering labelling
L	Labelled for length or custom labelling

50M	Length of cable in metres
50	Length of cable in feet

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

ELECTRICAL SCHEMATIC



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

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

PCCAT6AP2X - RJ45SKV4 - ProShell PRJ0EX-BK
PCCAT5EPU2X - RJ45SKV4 - ProShell PRJ0EX-BK

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