Description
A single cable, single connector solution to streamline data and power connections between your equipment. Featuring durable, tour-ready combination CAT6/Low-Voltage cable and the Neutrik 8+2 XLR connector. Gigabit Ethernet performance up to 85 metres, combined with up to 16 Amps of low-voltage power!

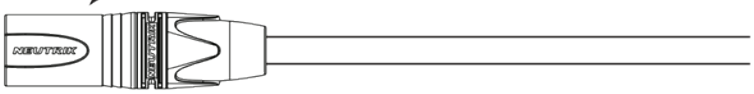
Features
- Use anywhere Ethernet and LV power are required, indoors and outdoors!
- Flexible, Durable, Outdoor rated!
- Suitable for permanent installation or long-term portable use
- Famous ProPlex handling, reliability, data integrity!
- 100% of TMB Ethernet cable assemblies are tested to ensure they meet all parameters of the TIA 568-C.2 standard for Category 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
Theatre; Touring; Motion Picture and Television Production; Installation

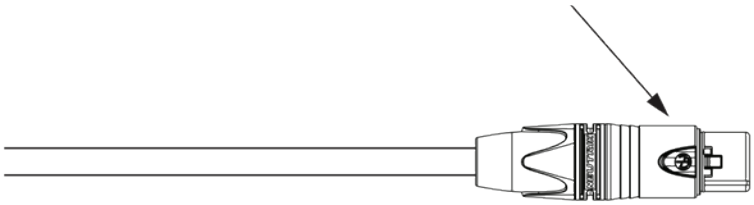
Available Cables
ProPlex® PowerData 8+2 CAT6/LV

Available Connectors
Neutrik™ 8+2 XLR

Neutrik® 8+2 XLR Male Connector



Neutrik® 8+2 XLR Female Connector



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
tmbprocables.com
Toronto +1 519.538.0888
Beijing +86 10.8492.1587
Riga +37 16.868.8955

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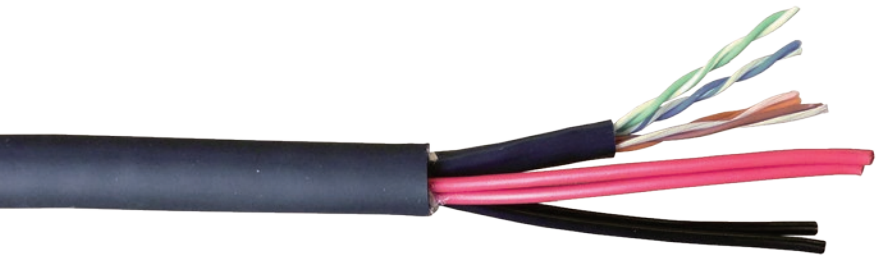
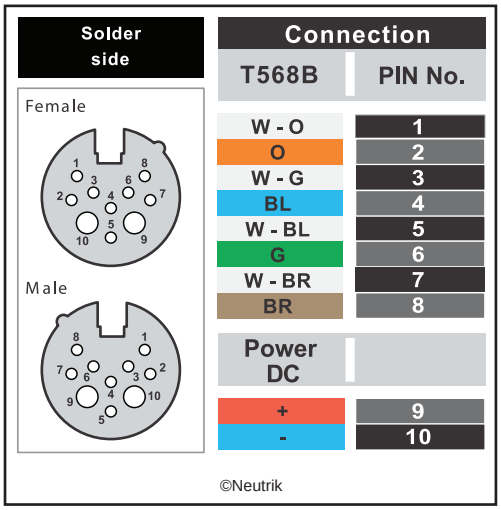
sales@tmb.com

PowerData™ LV 8+2 HYBRID CABLE
PCLV8+2



- Use anywhere Ethernet and LV power are required, indoors and outdoors!
- Compatible with new Neutrik 8+2 XLR connector
- Flexible, Durable, Outdoor rated!
- Suitable for permanent installation or long-term portable use
- Famous ProPlex handling, reliability, data integrity!

Specifications			
Part Number		PCLV8+2	
16 AWG Conductors	Conductor	Size and Stranding	65 strands 24 AWG
		Material	Bare annealed copper
	Insulation	Material	Polyvinyl Chloride
		Wall Thickness	0.010” [.25 mm] nom.
		Diameter	0.079” [2 mm] nom.
		Colour code	2 conductors black, 2 conductors red.
	Rating	Max. Voltage	48 VDC
Category 6 cable		Cable Type	Category 6 stranded patch cable
		Diameter	0.220” [5.6 mm] nom.
		Jacket colour	Black
Cable Assembly		Lay Length	5” [127 mm] nom. left hand
		Fillers	None
		Binder:	0.001” [0.025 mm] paper tape applied helically
Jacket		Material	Matte finish polyvinyl chloride
		Wall Thickness	0.030” [0.76 mm] nom.
		Diameter	0.385” [9.78 mm] nom.
		Colour	Black
Markings		Type	Surface print with white ink
		Legend	ProPlex PCLV8+2 PowerData LV 8+2 Hybrid Cable



RoHS Compliant

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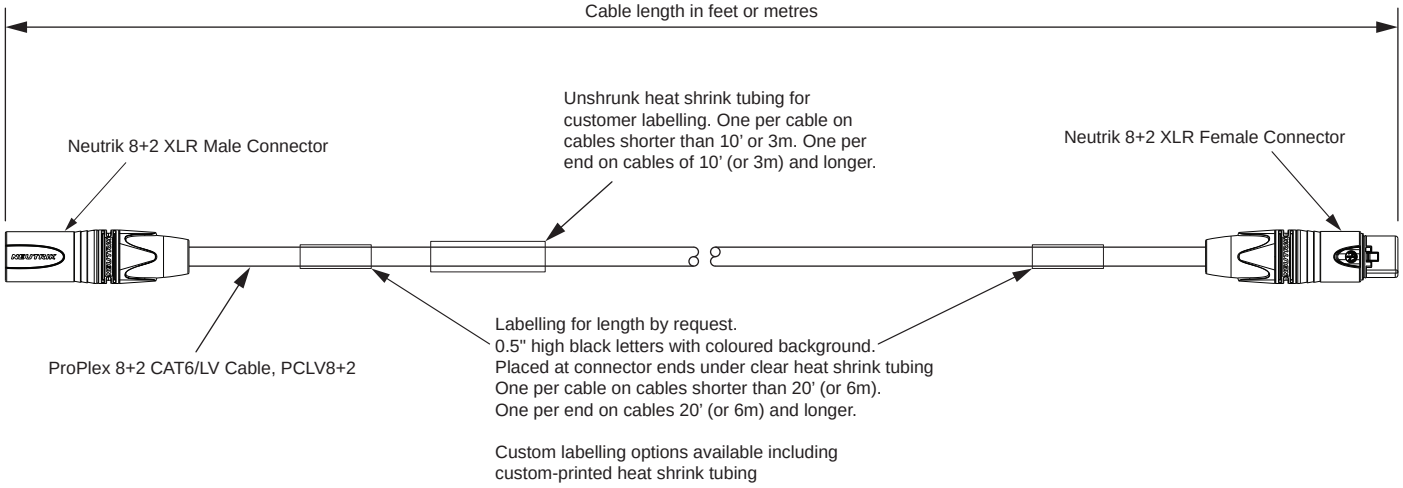


NOT TO SCALE

Example Code

Z	PCLV82	NC10	10M	L

Z	Designates cable assembly

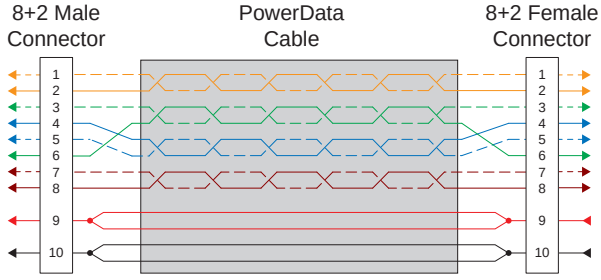
PCLV82	ProPlex 8+2 CAT6/LV Cable

10M	Length of cable in metres
10	Length of cable in feet

NC10	Neutrik 8+2 XLR connectors

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

ELECTRICAL SCHEMATIC



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