Pro Cables™

POWERDATA **ASSEMBLIES**
ProPlex® 8+2 XLR

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 meters, combined with up to 16 Amps of low-voltage power!

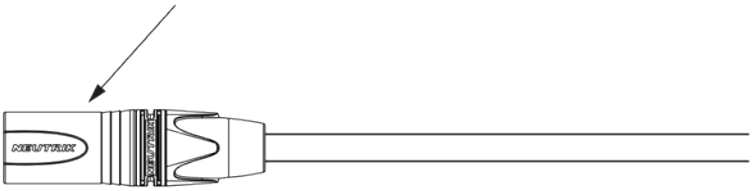
Features
- Use anywhere Ethernet and LV power are required, indoors and outdoors!
- Flexible, Durable, Outdoor rated!
- Suitable for permanent installation or long-term portable use
- Famous ProPlex handling, reliability, data integrity!
- 100% of TMB Ethernet cable assemblies are tested to ensure they 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

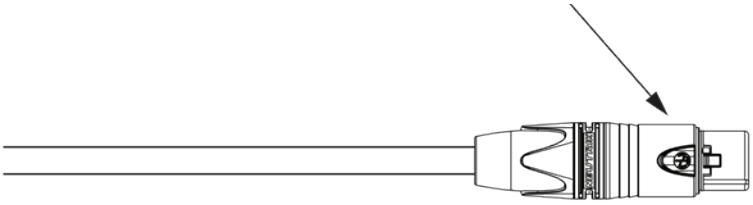
Available Cables
ProPlex® PowerData 8+2 CAT6/LV

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 THE USA

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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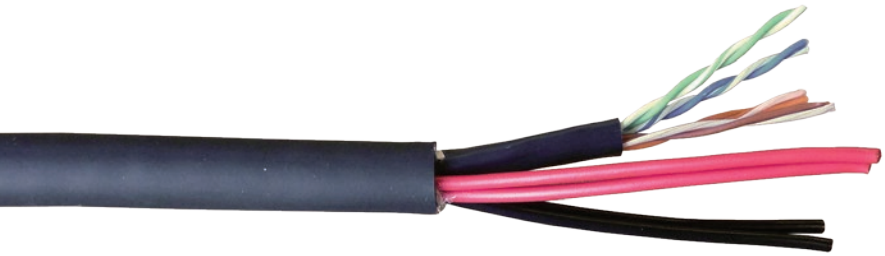
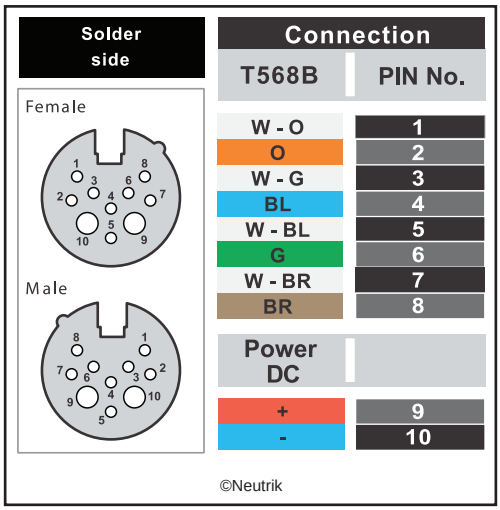
PowerData™ LV 8+2 HYBRID CABLE
PCLV8+2



- Use anywhere Ethernet and LV power are required, indoors and outdoors!
- Compatible with the 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.
		Color 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 color	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.
		Color	Black
Markings		Type	Surface print with white ink
		Legend	ProPlex PCLV8+2 PowerData LV 8+2 Hybrid Cable



RoHS Compliant

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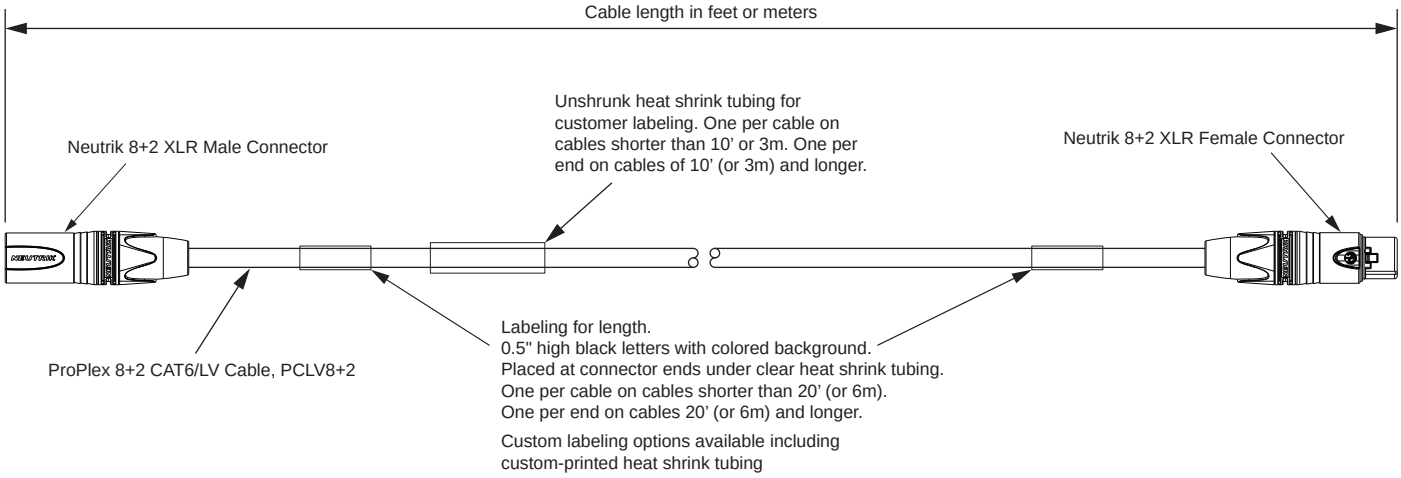


NOT TO SCALE

Example Code

Z	PCLV82	NC10	10	L

Z	Designates cable assembly

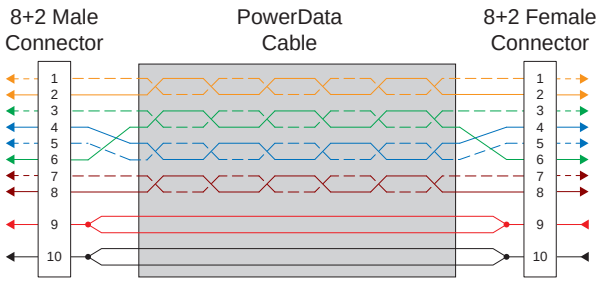
PCLV82	ProPlex 8+2 CAT6/LV Cable

NC10	Neutrik 8+2 XLR connectors

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

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

ELECTRICAL SCHEMATIC



ELECTRICAL RATING

Power Connections – 16A, 50 VDC, 2-Wire
Data Connections – CAT6a, 4-Pair, 8-Wire

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