Pro Cables™

ProPlex® POWERDATA LV 2+2 **ASSEMBLIES**
4-PIN XLR—EU

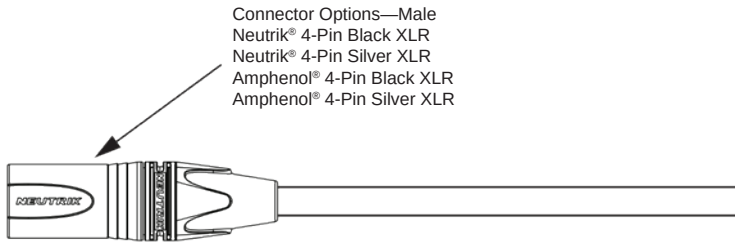
Description
ProPlex® PowerData LV 2+2 extension assemblies are available with Neutrik™ or Amphenol™ XLR connectors in Black or Silver. Custom configurations also available.

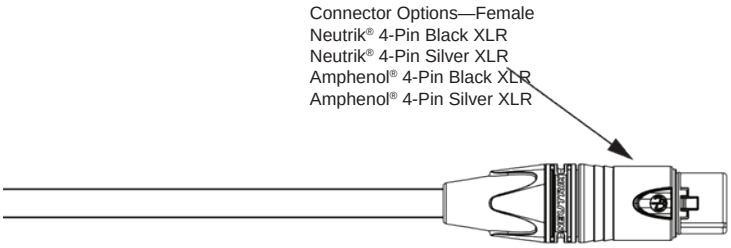
Features
- Extra-rugged, flexible combination DMX data and low-voltage power cable. One 0.34 mm^2 data pair with foil shield and drain wire plus two 2.5 mm^2 power singles.
- Built to survive the toughest conditions, yet handle and coil well, again and again and again

Applications
Theatre; Touring; Motion Pictures; Television

Available Cable
ProPlex® PowerData LV 2+2

Available Connectors
Neutrik™ 4-Pin Black XLR
Neutrik™ 4-Pin Silver XLR
Amphenol™ 4-Pin Black XLR
Amphenol™ 4-Pin Silver XLR





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

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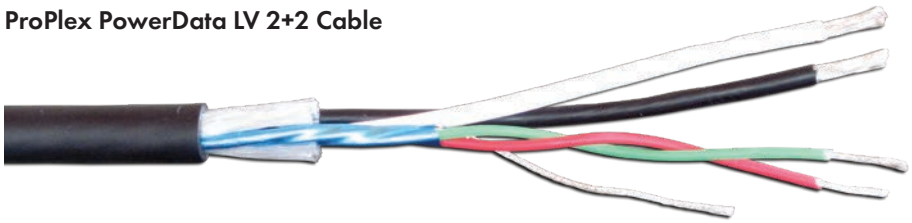
ProPlex PowerData LV 2+2 Cable



Rugged, flexible combination data and low voltage power cable.

Specifications		
Part Number	PCCCT	
Conductors	Data pair	0.34 mm² [22 AWG] Tinned, annealed copper stranded 19 x 34
	Power pair	2.5 mm² [14 AWG] Tinned, annealed copper stranded 41 x 30
Insulation	Material	80° C, 300 Volt PVC
	Data pair	Nom. wall: 0.30 mm [0.012”]
		Min. wall: 0.20 mm [0.008”]
	Power pair	Nom. wall: 0.30 mm [0.012”]
		Min. wall: 0.23 mm [0.009”]
Color Code	Data pair	Red/Green
	Power pair	Black/White
Assembly	Power singles cabled around shielded data pair w/drain wire	
Shield	Aluminium / mylar around 0.34 mm² pair and drain wire, aluminium in, 100% coverage	
Drain	0.34 mm² [22 AWG] Tinned, annealed copper stranded 19 x 34	
Jacket	Material	Black PVC
	Nom. wall thickness	1 mm [0.040”]
	Elongation	300%
	Tensile strength	2,000 psi
	Environmental	UV and fungus resistant
Legend	PROPLEX *PCCCT* POWERDATA LOW VOLTAGE CABLE 14 AWG 2/C + 22 AWG 1 PAIR CL2 (UL) E177741 FT1, UV RESISTANT INSTALLATION CABLE	
Physical	Outside diameter	7.37 mm [0.290”] nom.
	Weight	104 Kg/Km [73 lbs. per 1,000 ft.]
	Temperature rating	-20 to +90 °C
Conductivity	Data pair	15.5 Ohms (max.) per 1,000 ft @ 20° C
	Power pair	2.75 Ohms per 1,000 ft @ 20° C nom.
Characteristic Impedance	Data pair	60 Ohms
Capacitance	Data pair	25pf nom. cond.-to-cond.
		44pf nom. cond.-to-shield

RoHS Compliant

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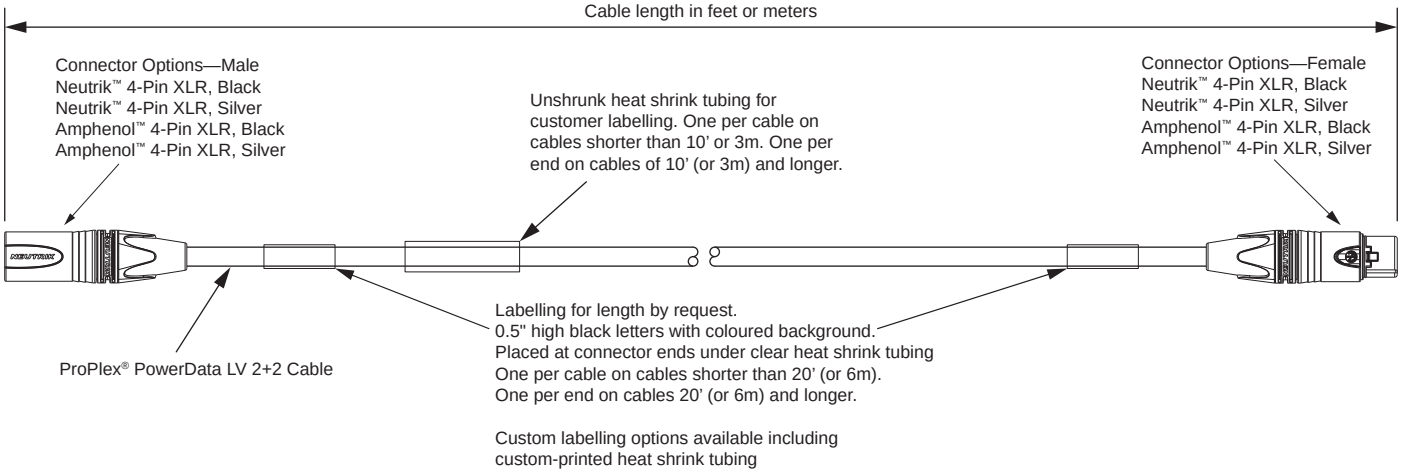


NOT TO SCALE

Example Code

Z	PPCC	S	FT	10M	L

Z	Designates cable assembly

PPCC	ProPlex® PowerData LV 2+2 cable

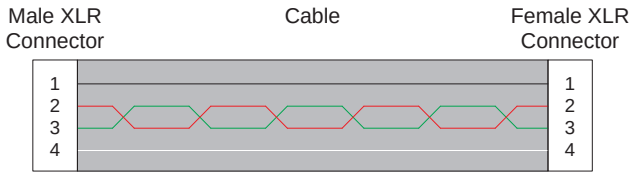
	Neutrik™ 4-Pin Black XLR connectors
S	Neutrik™ 4-Pin Silver XLR connectors
A	Amphenol™ 4-Pin Black XLR connectors
AS	Amphenol™ 4-Pin Silver XLR connectors

	Skip this section unless ordering tail
FT	Female connector to bare end
MT	Male connector to bare end

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

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

ELECTRICAL SCHEMATIC



Shield is not connected to the connectors in the standard configuration.
Other wiring schemes available by request.

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