Pro Cables™

DATAPLEX® DMX/LV **ASSEMBLIES**
4-PIN XLR—EU

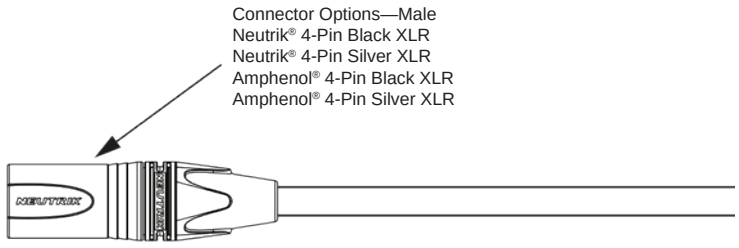
Description
Dataplex® DMX/LV extension assemblies are available with Neutrik™ or Amphenol™ XLR connectors in Black or Silver. Custom configurations also available.

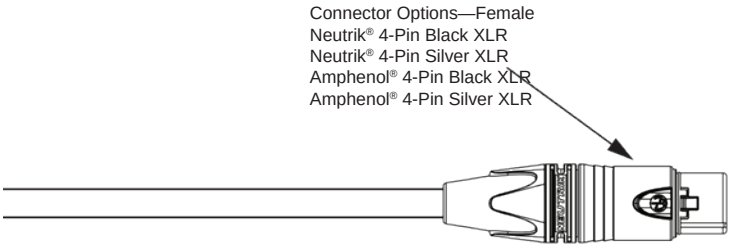
Features
- Combination DMX data and low-voltage power cable. One 0.34 mm^2 data pair with foil shield and drain wire plus two 2.5 mm^2 power singles.
- High quality, economical data and power cable designed to handle and coil well in portable applications

Applications
Theatre; Touring; Motion Pictures; Television

Available Cable
Dataplex® DMX/LV

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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New York +1 201.896.8600
tmbprocables.com
Toronto +1 519.538.0888
Beijing +86 10.8492.1587
Riga +37 16.868.8955
sales@tmb.com

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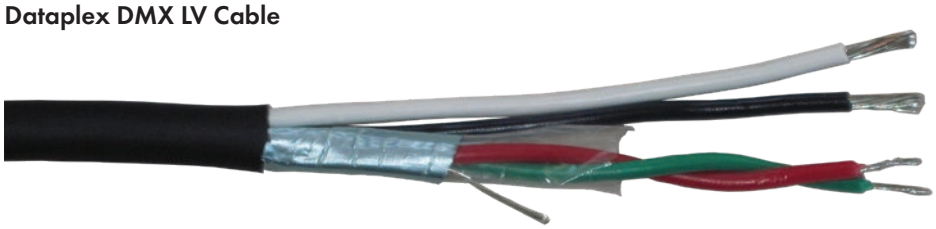
Dataplex DMX LV Cable



Flexible, economical combination data and low voltage power cable for color scrollers and LED applications.

Specifications			
Part Number		WDPCCT	
Conductors		Data pair	0.34 mm² [22 AWG] tinned copper stranded 19/0.16mm
		Power pair	2.5 mm² [14 AWG] tinned copper stranded 19/0.36mm
Insulation	Material	Data pair	PE compound
		Power Pair	FR−PE compound
	Overall Diameter	Data pair	2.3 mm nom.
		Power Pair	2.3 mm nom.
	Colour Code	Data pair	Green / Red
		Power Pair	Black / White
Shield		Data pair	Aluminum foil, metal face in, 100% coverage.
Drain		Data pair	16/0.2 mm [22 AWG] stranded tinned copper
Jacket	Material	FR−PVC, UV and fungus resistant	
	Colour	Black	
	Wall Thickness	0.8 mm nom.	
	Marking	DATAPLEX WDPCCT DIGITAL SCROLLER CABLE VW-1 CE 05181 METER 1036800/141020	
Physical	Overall Diameter	7.5 mm +/- 0.5 mm [0.3” +/- 0.0196”]	
	Weight	85 Kg/Km nom.	
	Bend Radius	72 mm min.	
	Temperature	-20 to +70 °C	
	Flame Test	UL 1581 VW−1	
Electrical	DC Loop Resistance	Data pair	110.0 Ω/Km max. @ 20° C
		Power Pair	23.0 Ω/Km max. @ 20° C
	Capacitance	Data pair	40 pF/m nom.
	Impedance	Data pair	120 Ω nom. @ 1 MHz.
	Attenuation	Data pair	0.57 dB/100m @ 100 KHz max.
			0.83 dB/100m @ 200 KHz max.
			1.30 dB/100m @ 500 KHz max.
			2.20 dB/100m @ 1 Mhz max.
	Voltage Rate	Power pair	300 Vrms.

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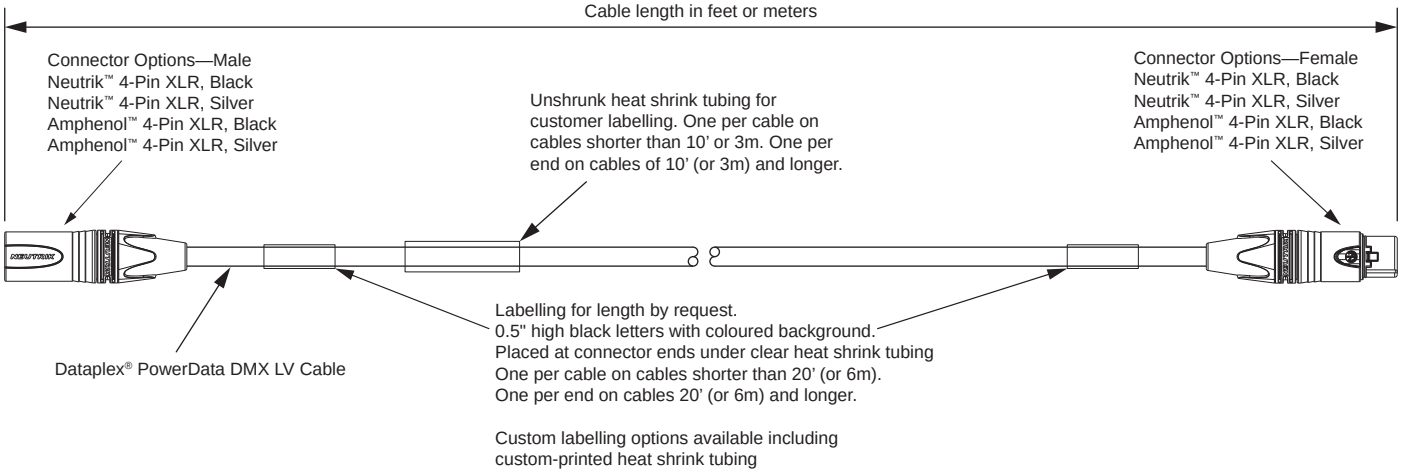


NOT TO SCALE

Example Code

Z	DPCC	NB	FT	10M	L

Z	Designates cable assembly

DPCC	Dataplex® PowerData DMX LV Cable

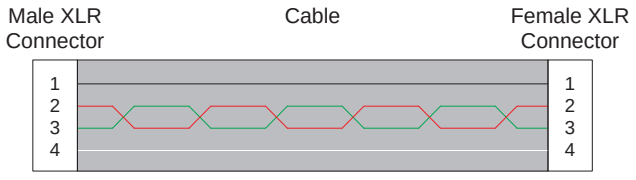
NB	Neutrik™ 4-Pin Black XLR connectors
NS	Neutrik™ 4-Pin Silver XLR connectors
AB	Amphenol™ 4-Pin Black XLR connectors
AS	Amphenol™ 4-Pin Silver XLR connectors

	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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