Description
Rugged ProPlex AES/EBU digital cable assemblies. 1-pair 24 AWG stranded bare copper, cellular polyethylene insulated, overall shielded, matte PVC jacketed with Neutrik™ 3-pin XLR connectors. Rugged and worthy of the name ProPlex.

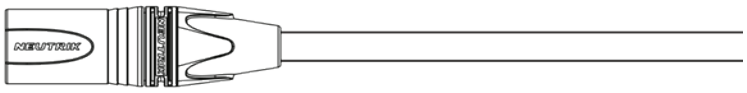
Features
- Conforms with Audio Engineering Society (AES) and the European Broadcast Union (EBU) standards for balanced, two-channel interconnecting digital devices.
- Rugged ProPlex construction and handling characteristics endures constant hand-coiling, twisting, and mechanical abuses of all kinds
- Manufactured with TMB's 'ruggedized' technology, evolving from the rigors of Rock & Roll concert touring since 1983.

Applications
Touring, Live Events, Recording Studios

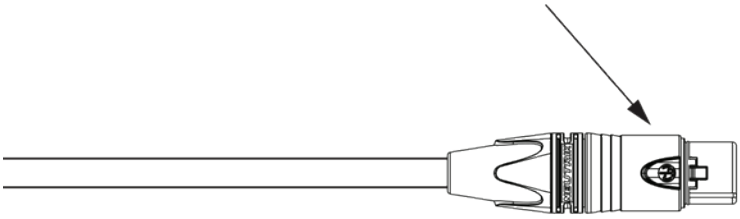
Available Cables
ProPlex® 1-Pair AES/EBU Cable–Purple

Available Connectors
Neutrik™ 3-Pin XLR Connectors–Black
Neutrik™ 3-Pin XLR Connectors–Silver

Connector Options—Male
Neutrik™ 3-Pin XLR–Black
Neutrik™ 3-Pin XLR–Silver



Connector Options—Female
Neutrik™ 3-Pin XLR–Black
Neutrik™ 3-Pin XLR–Silver



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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Specifications are subject to change without notice. This information supersedes all previously supplied information.

sales@tmb.com

ProPlex AES/EBU Audio Cable

1-pair 24 AWG stranded bare copper, cellular polyethylene insulated, overall shielded, matte PVC jacketed AES/EBU digital cable.

Specifications		
Part Number		PC242AES3T
Conductor	Material	Bare annealed copper
	AWG Size and Stranding	24 AWG [0.25 mm^2] 7 strands 32 AWG
Insulation	Material	Cellular Polyethylene
	Wall Thickness	0.022” [0.56 mm] nominal
	Diameter	0.068” +/- 0.002” [1.73 mm +/- 0.05 mm]
	Color Code	Black/Red
Assembly	Lay Length	1.5” [38.1 mm] maximum left hand
	Fillers	Jute as required to make round
	Binder	0.001” thick paper tape
Shield	Material	Tinned copper braid
	Coverage	95% nominal
Jacket	Material	Matte finish polyvinyl chloride
	Colors	Purple
	Wall Thickness	0.020” [0.51 mm] nominal
Markings	Type	Surface printing in white ink
	Legend	PROPLEX PC242AES3T 1-PAIR AES/EBU 2/C 24AWG SHIELDED (+ meter length + lot)
Electrical	Capacitance Between Conductors	13.5 pF/ft @ 1 kHz
	Capacitance Conductor to Shield	37 pF/ft @ 1 kHz
	Characteristic Impedance	110 Ohms @ 1 MHz
	Resistance at 20°C	25.4 Ohms/1000 ft.
Physical	Overall Diameter	0.235” +/- 0.005” [6 mm +/- 0.13 mm]
	Weight	TBD

RoHS
Compliant

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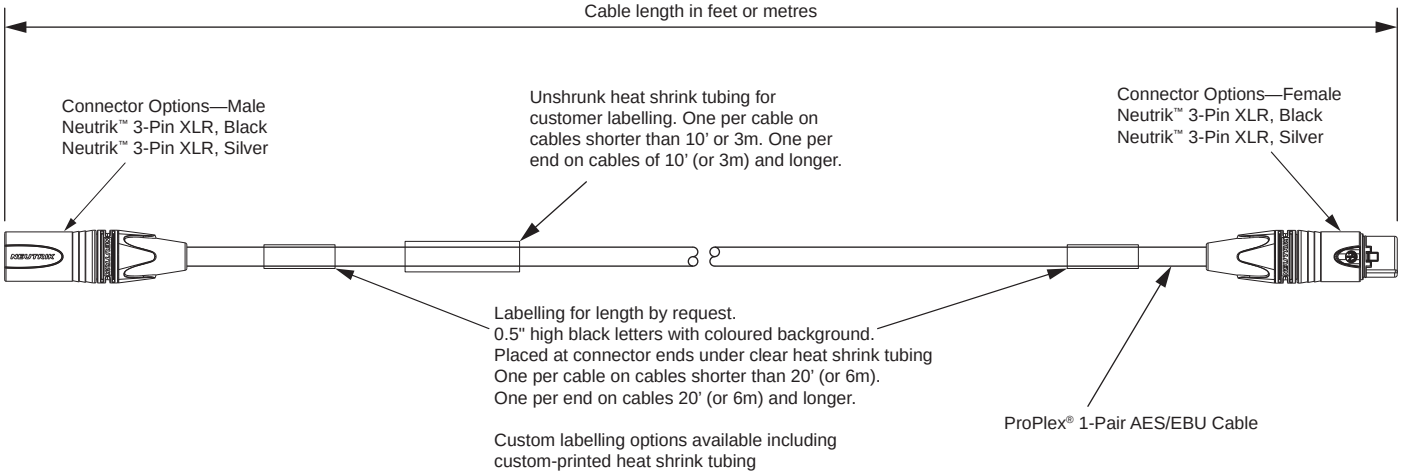


NOT TO SCALE

Example Code

Z	PPAESP	NB	10M	L

Z	Designates cable assembly

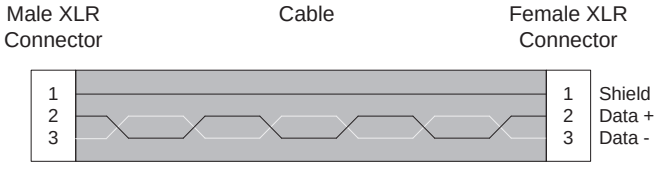
PPAESP	ProPlex® AES/EBU 1-Pair Cable

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

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

NB	Neutrik™ 3-Pin Black XLR connectors
NS	Neutrik™ 3-Pin Silver XLR connectors

ELECTRICAL SCHEMATIC



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