



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 <sup>2</sup> ] 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]
	Colour 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
	Colours	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