

PTL500 Outer Conductor Braided Cable

PTL500 large-size braided cable, higher power capacity.

IMPEDANCE	OUTER DIAMETER
50±5Ω	**12.7 mm**

PTL500 | 50Ω | 50Ω PTL Series Braided Coaxial Cable

Custom lengths, connectors and pre-assembled jumpers are available. Send us your specification for a quotation.

TECHNICAL DATA

Technical parameters

Source: 2026 Technical Selection Manual

STRUCTURE

Inner conductor	CCA wire 3.61±0.18 2. insulation foam PE 9.4±0.47
Outer conductor	self-adhesive aluminum foil + tinned copper braid Nom.10.29
Jacket	PE 12.7±0.64

ELECTRICAL

Peak power	(kW) 22 attenuation shield (>dB) 90

MECHANICAL & ENVIRONMENT

Operating temperature	(°C) -40 to +80 bending radius (mm) 64 ROHS compliant

Product description

The PTL500 Braiding 50 Ohm Coaxial Cable is a high-performance cable designed for demanding RF applications that require the signal strength and minimal loss. With its enhanced polyethylene foam dielectric, the PTL500 provides a broad bandwidth and low attenuation, making it ideal for high-speed data and high-definition video transmission. The cable's silver-coated copper braid delivers shielding