

PTL400UF Ultra-Flexible Braided Cable

PTL400 ultra-flexible version with stranded center conductor, combining low loss and flexibility for antenna feeder installations requiring bending.

PTL400 UF | 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	copper-clad aluminum (CCA) wire 2.74 ± 0.02 mm 2. insulation foam PE 7.24 ± 0.15 mm
Outer conductor	double self-adhesive aluminum foil + tinned copper braid 8.20 ± 0.20 mm
Jacket	PE or LSZH polyolefin 10.29 ± 0.18 mm

ELECTRICAL

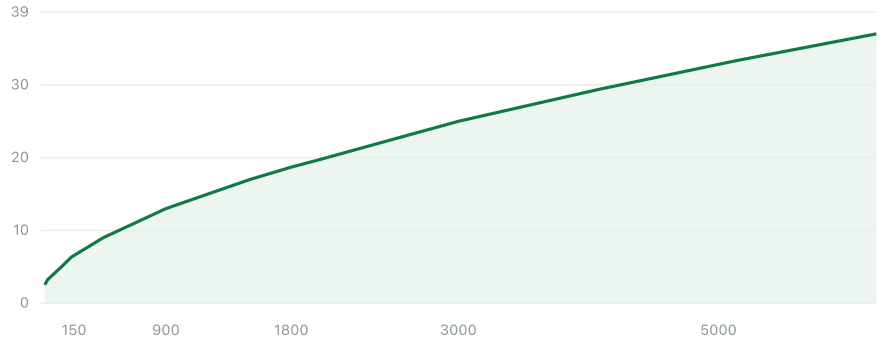
Characteristic impedance	50 ± 2 Ω
Velocity of propagation	85 % capacitance 78 pF/m
DC breakdown voltage	2500 V jacket spark test voltage 4000 Vrms

VSWR	30–3000 MHz ≤1.20

MECHANICAL & ENVIRONMENT

Min. bending radius	25.4 mm installation temperature −40 °C ~ +60 °C (PE); −20 °C ~ +60 °C (LSZH) operating temperature −55 °C ~ +85 °C (PE); −30 °C ~ +80 °C (LSZH) storage temperature −70 °C ~ +85 °C (PE); −30 °C ~ +80 °C (LSZH)

ATTENUATION & POWER



Attenuation in dB/100 m at 20 °C, nominal values (±5%).

MHz	dB/100m	MHz	dB/100m
30	2.49	1800	18.4
50	3.18	2000	19.4
150	4.92	2500	22
220	6.23	3000	24.6
450	8.86	4000	28.87
900	12.8	5000	32.81
1500	16.7	6000	36.42

Product description

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