

50-047 High-Temperature Semi-Flexible Coaxial Cable

50-047 with silver-plated copper center conductor, 50Ω solid PTFE insulated ultra-thin semi-flexible coax, 1.5mm OD, phase stable for board-level high-frequency links.

50-047 | 50Ω | 50Ω High-Temperature Semi-Flexible 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

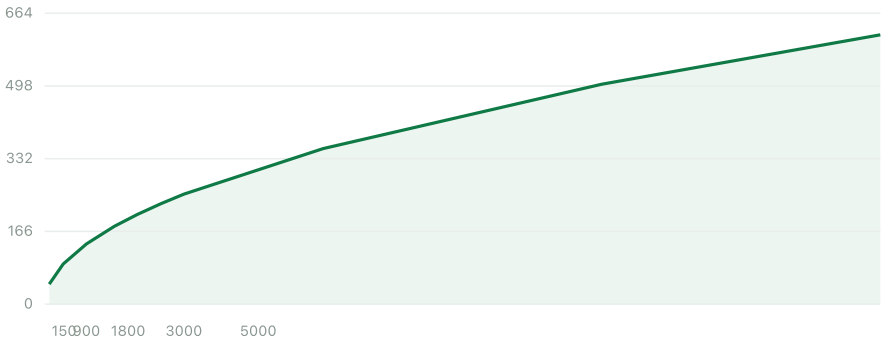
Inner conductor	silver-plated copper wire 0.29±0.01 mm

MECHANICAL & ENVIRONMENT

Jacket material	PVC / PE
Weight	≈ 8 kg/km
Installation temperature	≥ −20 °C
Standards	IEC 61196-1, MIL-C-17 (equivalent to MIL standard), GB/T 14864

Applications	intra-equipment interconnect, short jumper, instrument and RF module connection

ATTENUATION & POWER



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

MHz	dB/100m	MHz	dB/100m
100	45.85	2500	229.27
400	91.71	3000	251.15
900	137.56	6000	355.18
1500	177.59	12000	502.29
2000	205.06	18000	615.18

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