

50-141 High-Temp Semi-Flexible Cable

PTFE insulated semi-flexible coaxial cable with silver-plated copper conductor, high temperature resistance and phase stability.

IMPEDANCE	MAX. FREQUENCY
50±2 Ω	**6000 MHz**

50-141 | 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

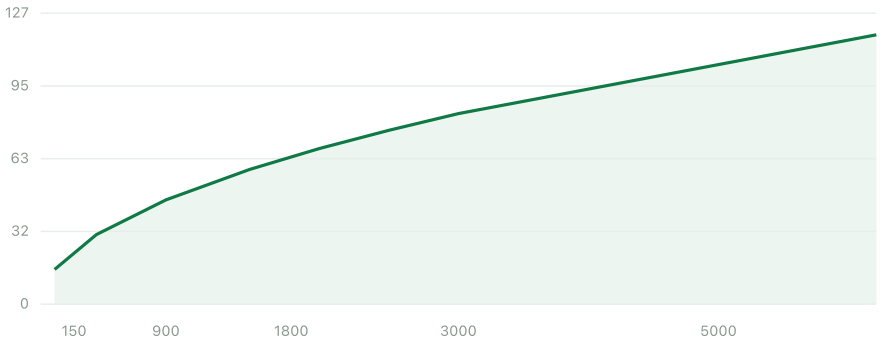
Inner conductor	silver-plated copper wire 0.94±0.01mm

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	15.18	2000	67.88
400	30.36	2500	75.89
900	45.54	3000	83.14
1500	58.79	6000	117.58

Product description

PTFE insulated semi-flexible coaxial cable with silver-plated copper conductor, high temperature resistance and phase stability. Please contact us for detailed specifications.