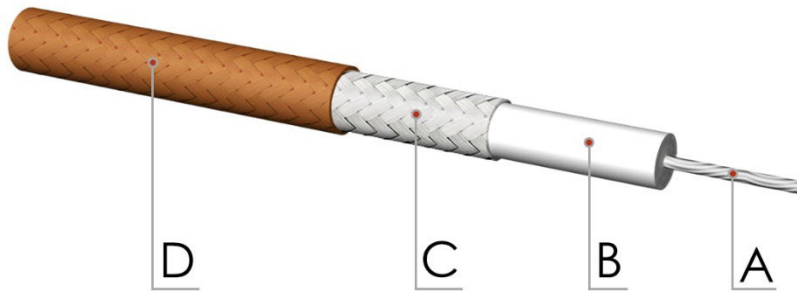


DATASHEET



FEATURES:

- High temperature
- High flexibility
- Miniature size
- MIL-C-17 Style

Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	SCCS (Silver Plated Copper-Clad Steel)	0.31 mm (0.012 in)	Stranded (7 x 0.10 mm)
B Dielectric	PTFE (Poly Tetra Flour Ethylene)	0.84 mm (0.033 in)	-
C Outer Conductor	SPC (Silver Plated Copper)	1.30 mm (0.051 in)	95% Coverage (Braid)
D Jacket	FEP (Fluorinated Ethylene Propylene)	1.80 mm (0,071 in)	Light Brown

Electrical & Mechanical Data

Characteristic Impedance	50Ω (±2)
Operating Frequency	dc - 3 GHz
Velocity of Propagation	69.5%
Signal Delay	4.82 ns/m
Capacitance	96.5 pF/m
Operating Temperature	-55 / +200 °C (-67 / 392 °F)
Working Voltage	1000 V _{RMS} (max.)
Weight	8.4 Kg/Km
Min. Bending Radius	10 mm (single), 27 mm (multiple)



Attenuation & Power Handling

Frequency (MHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
10	18.4	5.6	520
50	34.4	10.5	231
100	45.9	14.0	163
200	62.3	19.0	115
400	91.9	28.0	81
700	121.4	37.0	61
900	139.4	42.5	54
1000	150.9	46.0	51
3000	262.0	79.8	29