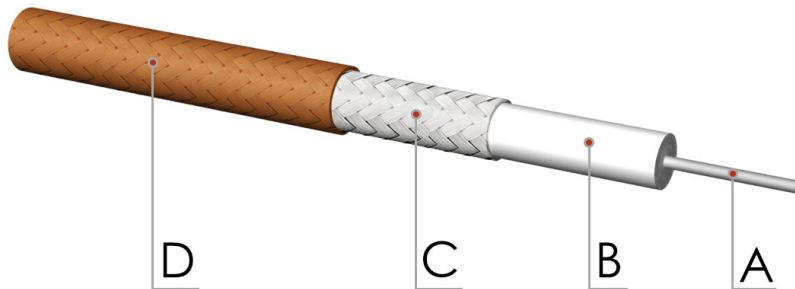


DATASHEET



FEATURES:

- High power handling
- High temperature
- MIL-C-17 Style

Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	SCCS (Silver Plated Copper Covered Steel)	0.65 mm (0.026 in)	Solid Core
B Dielectric	PTFE (Poly Tetra Flour Ethylene)	3.70 mm (0.146 in)	Teflon®
C Outer Conductor	SPC (Silver Plated Copper)	4.25 mm (0.167 in)	95% Coverage 112x0.12 (Braid)
D Jacket	FEP (Fluorinated Ethylene Propylene)	5.10 mm (0.201 in)	Light Brown

Electrical & Mechanical Data

Characteristic Impedance	75Ω (±3)
Operating Frequency	dc - 6 GHz
Cutoff Frequency	30 GHz
Velocity of Propagation	70%
Signal Delay	4.7 ns/m
Capacitance	64 pF/m
Operating Temperature	-65 / +165 °C (-85 / 329 °F)
Working Voltage	2500 V _{RMS} (max.)
Weight	56 Kg/Km
Min. Bending Radius	23 mm (single), 50 mm (multiple)



Attenuation & Power Handling

Frequency (MHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
10	3.0	0.92	3500
30	5.7	1.74	2000
50	7.4	2.26	1750
100	10.7	3.26	1300
150	13.0	3.97	1010
500	25.7	7.84	585
1000	37.5	11.44	390
2400	62.0	18.91	230
5000	97.0	29.59	160