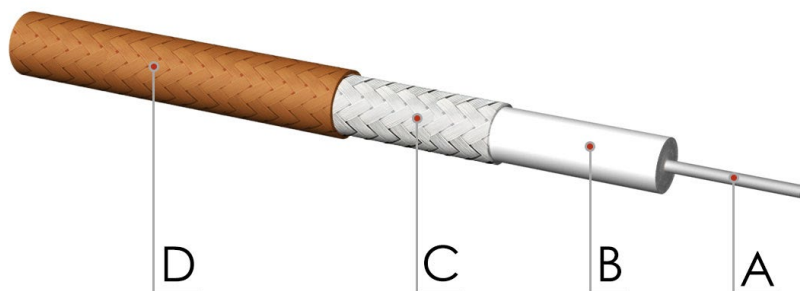


DATASHEET**FEATURES:**

- High power handling
- High temperature
- High chemical resistance
- MIL-C-17F Compliant

**Construction**

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	SCCS (Silver Plated Copper Covered Steel)	0.93 mm (0.037 in)	Solid Core
B Dielectric	PTFE (Poly Tetra Flour Ethylene)	3.00 mm (0.118 in)	-
C Outer Conductor	SPC (Silver Plated Copper)	3.50 mm (0.138 in)	95% Coverage 112x0.12 (Braid)
D Jacket	FEP (Fluorinated Ethylene Propylene)	4.30 mm (0.169 in)	Light Brown

Electrical & Mechanical Data

Characteristic Impedance	50 Ω (± 2)
Operating Frequency	dc - 6 GHz
Velocity of Propagation	70%
Signal Delay	4.7 ns/m
Capacitance	95 pF/m
Operating Temperature	-55 / +200 °C (-67 / 392 °F)
Shield Effectiveness	>40 dB (up to 3 GHz)
Working Voltage	1900 V _{RMS} (max.)
Withstanding Voltage	5000 V _{RMS} (max.)
Weight	43 Kg/Km
Min. Bending Radius	25 mm (single), 45 mm (multiple)

Attenuation & Power Handling

Frequency (MHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
10	3.8	1.16	3200
30	6.8	2.07	1780
50	9.2	2.80	1600
100	12.6	3.84	1200
150	16.2	4.94	920
450	28.8	8.78	575
1000	45.0	13.72	340
2400	74.0	22.56	210
5500	122.0	37.20	145
6000	126.0	38.41	138