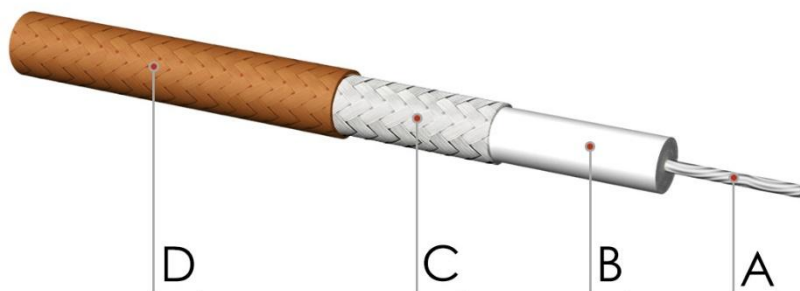


DATASHEET**FEATURES:**

- 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)	7 x 0.10mm	Stranded
B Dielectric	PTFE (Poly Tetra Flour Ethylene)	1.55 mm	-
C Outer Conductor	SPC (Silver Plated Copper)	80 x 0.10mm	95% Coverage Braid
D Jacket	FEP (Fluorinated Ethylene Propylene)	2.53 mm	Light Brown

Electrical & Mechanical Data

Characteristic Impedance	75Ω (±3)
Operating Frequency	dc - 3 GHz
Velocity of Propagation	70%
Signal Delay	4.8 ns/m
Capacitance	63 pF/m
Operating Temperature	-55 / +200 °C (-67 / 392 °F)
Working Voltage	1200 V _{RMS} (max.)
Withstanding voltage	2000 V _{RMS} (max.)
Weight	14.7 Kg/Km
Min. Bending Radius	12 mm (single), 25 mm (multiple)

Attenuation & Power Handling

Frequency (MHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
10	7.5	2.29	1100
30	12.5	3.81	780
50	17.2	5.24	502
100	24.5	7.47	350
150	30.6	9.33	289
500	58.0	17.68	160
1000	84.6	25.79	111
2000	124.0	37.80	81
3000	159.0	48.48	63