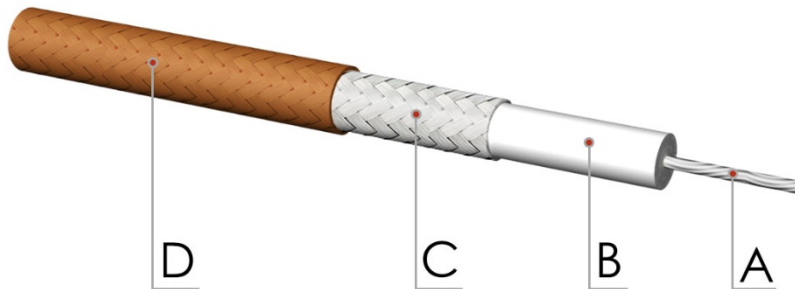


DATASHEET



FEATURES:

- High power handling
- High temperature
- High flexibility
- Non-magnetic conductors

Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	SPC (Silver Plated Copper)	0.31 mm (0.012 in)	Stranded (7 x 0.10 mm)
B Dielectric	PTFE (Poly Tetra Flour Ethylene)	1.55 mm (0.061 in)	
C Outer Conductor	SPC (Silver Plated Copper)	2.00 mm (0.079 in)	95% Coverage 80x0.10 (Braid)
D Jacket	FEP (Fluorinated Ethylene Propylene)	2.52 mm (0,099 in)	Light Brown

Electrical & Mechanical Data

Characteristic Impedance	75Ω (±3)
Operating Frequency	dc - 3 GHz
Cutoff Frequency	40 GHz
Velocity of Propagation	70%
Signal Delay	4.8 ns/m
Capacitance	63 pF/m
Operating Temperature	-65 / +165 °C (-85 / 329 °F)
Working Voltage	1000 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