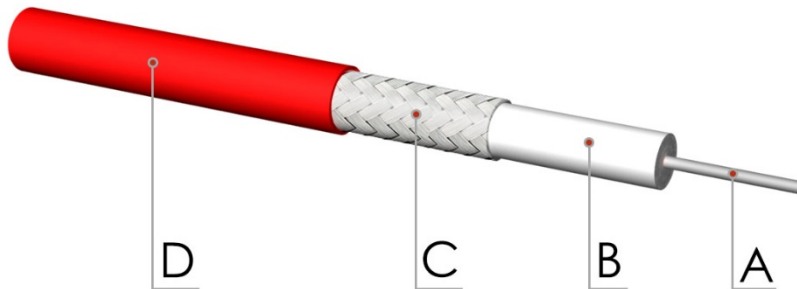


DATASHEET



FEATURES:

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

Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	SPC (Silver Plated Copper)	1.30 mm (0.051 in)	Solid Core
B Dielectric	PTFE (Poly Tetra Flour Ethylene)	2.95 mm (0.116 in)	Teflon®
C Outer Conductor	SPC (Silver Plated Copper)	3.50 mm (0.138 in)	95% Coverage 112x0.12 (Braid)
D Jacket	FEP (Fluorinated Ethylene Propylene)	4.25 mm (0.167 in)	Red

Electrical & Mechanical Data

Characteristic Impedance	35Ω (±2)
Operating Frequency	dc - 6 GHz (max. 8 GHz)
Cutoff Frequency	31 GHz
Velocity of Propagation	70%
Signal Delay	4.7 ns/m
Capacitance	134 pF/m
Operating Temperature	-65 / +165 °C (-85 / 329 °F)
Working Voltage	1600 V _{RMS} (max.)
Weight	47.5 Kg/Km
Min. Bending Radius	8 mm (single), 40 mm (multiple)



Attenuation & Power Handling

Frequency (MHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
10	4.2	1.28	3500
30	7.9	2.41	1900
50	10.2	3.11	1600
100	14.7	4.48	1140
150	18.2	5.54	980
500	35.9	10.95	550
1000	53.5	16.31	390
2000	79.0	24.10	250
5000	130.0	39.65	160