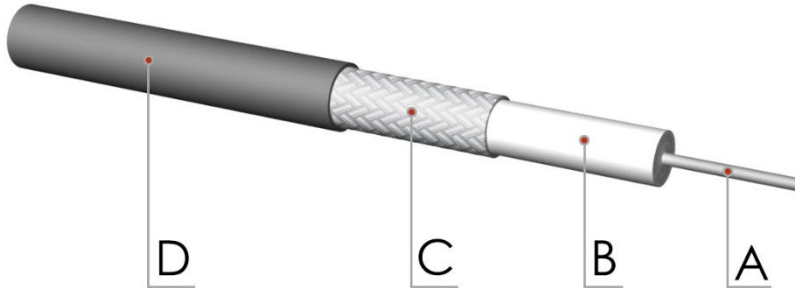


DATASHEET



FEATURES:

- High temperature
- High power

Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	SPCW (Silver Plated Copper Steel)	0.72 mm (0.028 in)	Solid Core
B Dielectric	PTFE (Poly Tetra Flour Ethylene)	2.97 mm (0.117 in)	-
C Outer Conductor	TC (Tin Plated Copper)	3.58 mm (0.141 in)	100% Coverage
D Jacket	FEP (Fluorinated Ethylene Propylene)	4.10 mm (0.161 in)	Grey

Electrical & Mechanical Data

Characteristic Impedance	60Ω (±2)
Operating Frequency	dc - 18 GHz
Velocity of Propagation	70%
Signal Delay	4.7 ns/m
Capacitance	80 pF/m
Operating Temperature	-55 / +200 °C (-67 / 392 °F)
Shield Effectiveness	> 90 dB
Working Voltage	2000 V _{RMS} (max.)
Weight	46 Kg/Km
Min. Bending Radius	8 mm (single)



Attenuation & Power Handling

Frequency (GHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
0.1	12.2	3.72	910
0.5	28.0	8.54	610
1.0	44.0	13.41	400
2.0	65.0	19.82	290
5.0	102.0	31.10	195
10.0	152.0	46.34	120
18.0	220.0	67.07	85