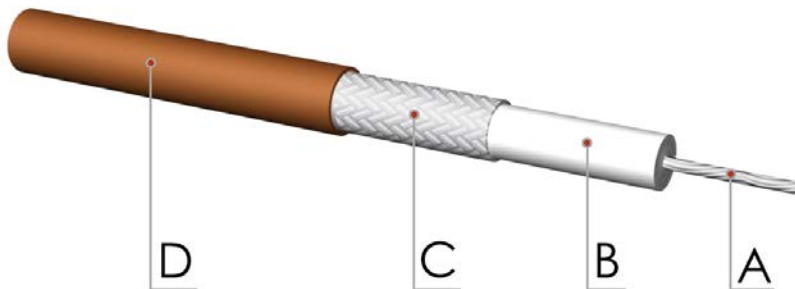


DATASHEET



FEATURES:

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

Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	SPC (Silver Plated Copper)	2.28 mm (0.090 in)	Stranded (19 x 0.42 mm)
B Dielectric	PTFE (Poly Tetra Flour Ethylene)	3.10 mm (0.122 in)	Teflon®
C Outer Conductor	TC (Tin Plated Copper)	3.52 mm (0.138 in)	100% Coverage
D Jacket	FEP (Fluorinated Ethylene Propylene)	4.15 mm (0.163 in)	Brown

Electrical & Mechanical Data

Characteristic Impedance	12.5Ω (-1/+2)
Operating Frequency	dc - 12 GHz
Cutoff Frequency	24 GHz
Velocity of Propagation	70%
Signal Delay	4.7 ns/m
Capacitance	330 pF/m
Operating Temperature	-65 / +165 °C (-85 / 329 °F)
Shield Effectiveness	> 90 dB
Working Voltage	1000 V _{RMS} (max.)
Weight	67 Kg/Km
Min. Bending Radius	20 mm (single)



Attenuation & Power Handling

Frequency (GHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
0.10	22.0	6.71	1020
0.15	27.0	8.23	920
0.5	55.0	16.77	560
1.0	79.0	24.09	390
5.0	197.0	60.06	185
10.0	270.0	82.32	80