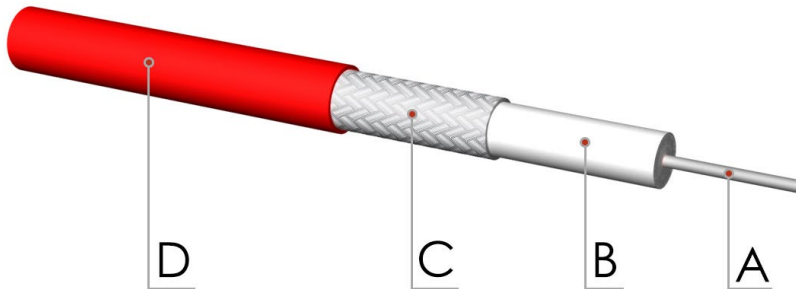


## DATASHEET



### FEATURES:

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

### Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	SPC (Silver Plated Copper)	0.29 mm (0.011 in)	Solid Core
B Dielectric	PTFE (Poly Tetra Flour Ethylene)	1.70 mm (0.067 in)	-
C Outer Conductor	TC (Tin Plated Copper)	2.15 mm (0.085 in)	100% Coverage
D Jacket	FEP (Fluorinated Ethylene Propylene)	2.65 mm (0.104 in)	Red

### Electrical & Mechanical Data

Characteristic Impedance	75Ω (±3)
Operating Frequency	dc – 26.5 GHz
Velocity of Propagation	71%
Signal Delay	4.7 ns/m
Capacitance	64 pF/m
Operating Temperature	-55 / +200 °C (-67 / 392 °F)
Shield Effectiveness	> 90 dB
Working Voltage	1500 V <sub>RMS</sub> (max.)
Weight	19 Kg/Km
Min. Bending Radius	6 mm (single)



### Attenuation & Power Handling

Frequency (GHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
0.5	50.2	15.3	143
1.0	70.2	21.4	98
5.0	163.7	49.9	41
10.0	236.5	72.1	28
18.0	331.6	101.1	19
26.5	413.9	126.2	15