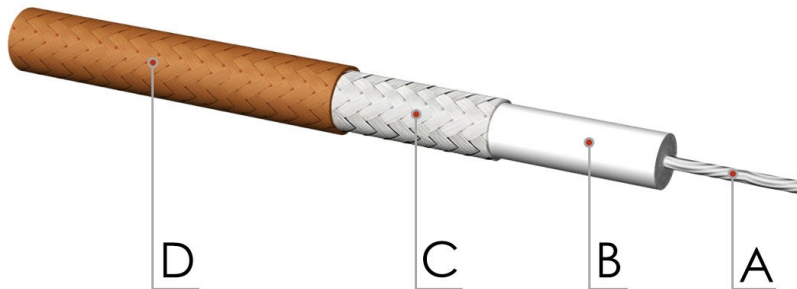


### DATASHEET



#### FEATURES:

- High power handling
- High temperature
- MIL-C-17 Style

### Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	SCCS (Silver Plated Copper Covered Steel)	0.30 mm (0.012 in)	Stranded (7 x 0.10 mm)
B Dielectric	PTFE (Poly Tetra Flour Ethylene)	2.59 mm (0.102 in)	Teflon®
C Outer Conductor	SPC (Silver Plated Copper)	3.00 mm (0.118 in)	94% Coverage 112x0.10 (Braid)
D Jacket	FEP (Fluorinated Ethylene Propylene)	3.58 mm (0.133 in)	Light Brown

### Electrical & Mechanical Data

Characteristic Impedance	95Ω (±5)
Operating Frequency	dc - 3 GHz
Cutoff Frequency	44 GHz
Velocity of Propagation	70%
Signal Delay	4.7 ns/m
Capacitance	52 pF/m
Operating Temperature	-55 / +200 °C (-67 / 392 °F)
Working Voltage	2000 V <sub>RMS</sub> (max.)
Weight	28.0 Kg/Km
Min. Bending Radius	20 mm (single), 45 mm (multiple)



### Attenuation & Power Handling

Frequency (MHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
100	21.0	6.40	420
450	43.0	13.11	205
1000	65.0	19.82	130
2000	99.5	30.34	97
2500	113.0	34.45	87