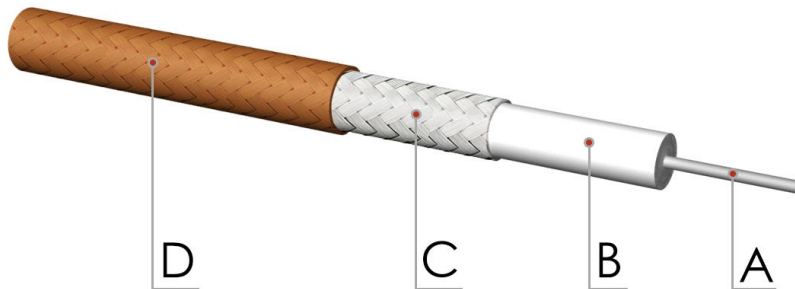


### DATASHEET



#### FEATURES:

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

### Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	SCCS (Silver Plated Copper Covered Steel)	0.64 mm (0.025 in)	Solid Core
B Dielectric	PTFE (Poly Tetra Flour Ethylene)	3.71 mm (0.146 in)	-
C Outer Conductor	SPC (Silver Plated Copper)	4.21 mm (0.166 in)	90% Coverage (Braid)
D Jacket	FEP (Fluorinated Ethylene Propylene)	5.13 mm (0.202 in)	Light Brown

### Electrical & Mechanical Data

Characteristic Impedance	75Ω (±3)
Operating Frequency	dc - 3 GHz
Velocity of Propagation	69.5%
Signal Delay	4.7 ns/m
Capacitance	63.7 pF/m
Operating Temperature	-55 / +200 °C (-67 / 392 °F)
Working Voltage	2300 V <sub>RMS</sub> (max.)
Weight	56 Kg/Km
Min. Bending Radius	23 mm (single), 50 mm (multiple)



### Attenuation & Power Handling

Frequency (MHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
10	3.9	1.2	3700
50	6.2	1.9	1720
100	12.1	3.7	1210
200	17.7	5.4	860
400	24.9	7.6	610
1000	38.7	11.8	380
3000	70.5	21.5	220