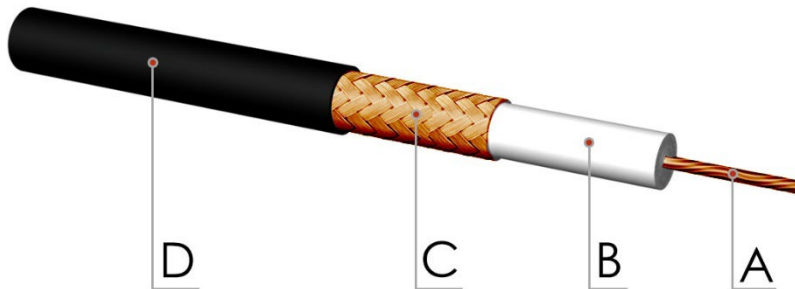


## DATASHEET



### FEATURES:

- For general purpose applications
- Non-magnetic conductors
- MIL-C-17 Style

### Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	BC (Bare Copper)	2.25 mm (0.089 in)	Stranded (7 x 0.75 mm)
B Dielectric	PE (Polyethylene)	7.25 mm (0.285 in)	-
C Outer Conductor	BC (Bare Copper)	7.97 mm (0.314 in)	95% Coverage 144x0.15 (Braid)
D Jacket	PVC (Poly Vinyl Chloride)	10.30 mm (0.406 in)	Black

### Electrical & Mechanical Data

Characteristic Impedance	50Ω (±2)
Operating Frequency	dc - 1 GHz
Velocity of Propagation	66%
Signal Delay	5 ns/m
Capacitance	100 pF/m (±5)
Operating Temperature	-20 / +80 °C (-4 / 176 °F)
Shield Effectiveness	> 40 dB
Working Voltage	5000 V <sub>RMS</sub> (max.)
Weight	15 Kg/100 m
Min. Bending Radius	50 mm (single), 100 mm (multiple)



### Attenuation & Power Handling

Frequency (MHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
50	4.3	1.31	1855
100	6.5	1.98	1314
150	8.4	2.56	1073
450	15.9	4.85	619
1000	25.1	7.65	415