

EN-400 Low Loss Cable 100m Spool

EN-400

EN-400, 100 meter Spool.

EN-400 coaxial cable is designed for a wide variety of applications requiring low loss RF cable, including outdoor antenna installations and jumper cable assemblies used in wireless communications.



It is constructed with a UV resistant polyethylene jacket for outdoor use.

This cable is also designed for easy installation with maximum flexibility and bendability and is compatible with a wide variety of connectors.

Enhanced for usage from **2GHz up to 6GHz.**

Electrical Specifications :	
Cutoff Frequency	16.2 GHz
Velocity of Propagation	85%
Impedance	50 ohms
Capacitance	23.9 pF/ft (78.4 pF/m)
DC Resistance Inner Conductor	1.39 ohms/1000ft (10.5 ohms/km)
DC Resistance Outer Conductor	1.65 ohms/1000ft (12.8 ohms/km)
Peak Power	16 kW
Jack Spark	8000 Volts RMS
Cable Construction:	
Inner Conductor	Solid Bare Copper (BC)/Aluminum 0.11 in (2.8 mm)
DielectricFoam	Foam Polyethylene 0.285 in (7.24 mm)
Outer Conductor	Aluminum Tape 0.291 in (7.39 mm)
Braid	34 AWG Tinned Copper, 90% coverage 0.32 in (8.13 mm)
Jacket	Black PVC/PE 0.405 in ±.008 in (10.29 mm ±0.2 mm)
Mechanical and Environmental Specifications:	
Minimum Bend Radius	1.0 in (25.4 mm)
Tensile Strength	160 lb (72.6 kg)
Cable Weight	0.068 lb/ft (0.1 kg/m)
Operating Temperature Range	-49°F to +149°F (-45°C to +65°C)

Attenuation:											
Frequency (Mhz)	30	50	150	220	450	900	1500	1900	2000	2500	5800
Attenuation dB/100ft	0.7	0.9	1.5	1.9	2.7	3.9	5.1	5.7	6.0	6.8	10.8
Power kW	3.3	2.6	1.5	1.2	0.83	0.58	0.44	0.4	0.37	0.33	0.21

Additional Images

