

X113 – A91978-013

50 Ohms Coaxial Cable

Construction

1.	Inner Conductor	:	Solid	∅ = 2,74mm (0,108 inches)
2.	Dielectric	:	Foam PE	∅ = 7,24mm (0,285 inches)
3.	Outer Conductor	:	SPC Strip Braid	∅ = 7,49 mm (0,295 inches)
4.	Braid	:	TC Braid over Al Tape	∅ = 8,38 mm (0,330 inches)
5.	Jacket	:	Black PE	∅ = 10,29 mm (0,405 inches)

Electrical Specifications

Impedance	:	50 Ohms
Operating Frequency	:	DC to 10 GHz
Cut-off Frequency	:	N.A
Shielding Effectiveness	:	> -100dB
Capacitance	:	78,40 pF/m
Velocity of propagation	:	85 %
Time Delay	:	3,92 ns/m
Voltage Withstand	:	2500 Vdc

Mechanical / Environmental Specifications

Weight	:	120 g/m
Static Bend Radius	:	25,40 mm (1,00 inches)
Dynamic Bend Radius	:	101,60 mm (4,00 inches)
Operating Temperature Range	:	-40°C to +85°C (-40°F to +185°F)
Application	:	Outdoor

Connectors

Compatible with SMA – TNC – N and 7/16 interfaces

Specifications

RoHS Compliant

MIL-C-17

FREQUENCY (MHz)	ATTENUATION (dB/m max.)	Average POWER (W)*
900	0,13	540
1500	0,17	410
2000	0,20	350
2500	0,22	310
5800	0,36	190
10000	0,49	140

* : cable only, for ambient temperature (25°C), at sea level and VSWR = 1.0:1