

X112 – A91933-013

50 ohms Coaxial Cable

Construction

1.	Inner Conductor	:	Solid	Ø = 1,42 mm (0,056 inches)
2.	Dielectric	:	Foam PE	Ø = 3,81 mm (0,150 inches)
3.	Shield	:	Al Tape	Ø = 3,94 mm (0,155 inches)
4.	Braid	:	Tinned Copper	Ø = 4,52 mm (0,178 inches)
5.	Jacket	:	Black PE	Ø = 6,10 mm (0,240 inches)

Electrical Specifications

Impedance	:	50 Ohms
Operating Frequency	:	DC to 5,80 GHz
Cut off Frequency	:	N.A
Shielding Effectiveness	:	> -90dB
Capacitance	:	79,4 pF/m
Velocity of propagation	:	84 %
Time Delay	:	3,97 ns/m
Voltage Withstand	:	1500 Vdc

Mechanical / Environmental Specifications

Weight	:	50 g/m
Static Bend Radius	:	19,1 mm (0,75 inches)
Dynamic Bend Radius	:	63,5 mm (2,50 inches)
Operating Temperature Range	:	-40°C to +85°C (-40°F to +185°F)

Connectors

Compatible with UHF – QDS – TNC – N and 7/16 interfaces

Spécifications

RoHS Compliant

MIL-C-17

FREQUENCY (MHz)	ATTENUATION (dB/m max.)	Average POWER (W)*
900	0,25	260
1500	0,33	200
2000	0,38	170
2500	0,43	150
5800	0,67	100

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