

## X110 – A91414-013

### 50 Ohms Coaxial Cable

#### Construction

1.	Inner Conductor	:	Solid	Ø = 2,74 mm (0,108 inches)
2.	Dielectric	:	Foam PE	Ø = 7,24mm (0,285 inches)
3.	Outer Conductor	:	Aluminum Tape	Ø = 7,39 mm (0,291 inches)
4.	Braid	:	Tinned Copper	Ø = 8,13 mm (0,320 inches)
5.	Jacket	:	Black PE	Ø = 10,29 mm (0,405 inches)

#### Electrical Specifications

Impedance	:	50 Ohms
Operating Frequency	:	DC to 5,8 GHz
Cut Off Frequency	:	N.A
Shielding Effectiveness	:	> -90 dB
Capacitance	:	78,4 pF/m
Velocity of propagation	:	85%
Time Delay	:	3,92ns/m
Voltage Withstand	:	2500 Vdc

#### Mechanical / Environmental Specifications

Weight	:	100 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)

#### 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	580
1500	0,17	440
2000	0,20	370
2500	0,22	330
5800	0,36	210