

## X111 - A91628-013

### 50 ohms Coaxial Cable

#### Construction

1.	Inner Conductor	:	Stranded BC	Ø = 2,74 mm (0,11 inches)
2.	Dielectric	:	Foam PE	Ø = 7,24 mm (0,285 inches)
3.	First braid	:	Al Tape	Ø = 7,39 mm (0,29 inches)
4.	Second Braid	:	Tinned Cu	Ø = 8,13 mm (0,32 inches)
5.	Jacket	:	Black PE	Ø = 10,29 mm (0,41 inches)

#### Electrical Specifications

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

#### Mechanical / Environmental Specifications

Weight	:	131 g/m
Static Bend Radius	:	25,40 mm (1,00 inches)
Dynamic Bend Radius	:	101,6 mm (4,00 inches)
Operating Temperature Range	:	-40°C to +85°C (-40°F to +185°F)
Application	:	Indoor / Outdoor

#### Connectors

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

#### Spécifications

RoHS Compliant

MIL-C-17

FREQUENCY (MHz)	ATTENUATION (dB/m max.)	Average POWER (W)
900	0,15	480
1500	0,20	360
2000	0,24	310
2500	0,27	280
5800	0,43	170