

## X36 - A92617-013

### 50 ohms Coaxial Cable

#### Construction

1.	Inner Conductor	:	Solid	Ø = 0,94 mm (0,04 inches)
2.	Dielectric	:	Foam PE	Ø = 2,79 mm (0,11 inches)
3.	Braid	:	Al Tape 100 %recovering	Ø = 2,95 mm (0,12 inches)
4.	Overall Braid	:	Tinned Copper	Ø = 3,53 mm (0,14 inches)
5.	Jacket	:	Black or White PVC	Ø = 4,95 mm (0,20 inches)

#### Electrical Specifications

Impedance	:	50 Ohms
Operating Frequency	:	DC to 5,8 GHz
Cut-off Frequency	:	N.A
Shielding Effectiveness	:	>90dB
Capacitance	:	83.3 pF/m
Velocity of propagation	:	80%
Time Delay	:	4,17 ns/m
Voltage Withstand	:	1000 Vdc

#### Mechanical / Environmental Specifications

Weight	:	30 g/m
Static Bend Radius	:	12,70 mm (0,50 inches)
Dynamic Bend Radius	:	50,80 mm (2,00 inches)
Operating Temperature Range	:	-40°C to +185°C (-40°F to +365°F)

#### Connectors

Compatible with N – SMA and TNC interfaces

#### Spécifications

- RoHS Compliant
- MIL-C-17

FREQUENCY (MHz)	ATTENUATION (dB/m max.)	Average POWER (W)*
900	0,37	160
1500	0,48	120
2000	0,56	100
2500	0,63	90
5800	0,99	60

\* : Power value indicated for ambient temperature +25°C, VSWR 1.0 at sea level