

## X54 – A94507-084

### 50 ohms Coaxial Cable

#### Construction

1.	Inner Conductor	:	Solid	Ø = 1,63 mm (0.06 inches)
2.	Dielectric	:	PTFE	Ø = 5,31 mm (0.2 inches)
3.	Outer Conductor	:	Tinned Aluminium Tube	Ø = 6,35 mm (0.25 inches)

#### Electrical Specifications

Impedance	:	50 Ohms
Operating Frequency	:	DC to 18 GHz
Cut-off Frequency	:	33 GHz
Shielding effectiveness	:	N.A
Capacitance	:	97.1 pF/m
Velocity of propagation	:	69,5 %
Time Delay	:	4.8 ns/m
Voltage Withstand	:	3000 Veff

#### Mechanical / Environmental Specifications

Weight	:	88.6 g/m
Static Bend Radius	:	6.35 mm (0.25 inches)
Dynamic Bend Radius	:	N.A
Operating Temperature Range	:	-55°C to +100°C

#### Connectors

Compatible with SMA – N – and TNC interfaces

#### Spécifications

- RoHS Compliant
- MIL-C-17

FREQUENCY (MHz)	ATTENUATION (dB/m max.)	Average POWER (W)
400	0,15	962
1000	0,25	661
5000	0,72	265
10000	1,10	174
18000	1,60	100