

## X29 – A91237-054

### 50 ohms Coaxial Cable

#### Construction

1.	Inner Conductor	:	Multi-Brain	∅ = 0,97 mm (0,04 inches)
2.	Dielectric	:	PTFE	
3.	First Braid	:	13/100 Cu Ag	
4.	Second Braid	:	13/100 Cu Ag	
5.	Jacket	:	FEP	∅ = 4,95 mm (0,20 inches)

#### Electrical Specifications

Impedance	:	50 Ohms
Operating Frequency	:	DC to 10 GHz
Cut-off Frequency	:	N.A
Shielding Effectiveness	:	N.A
Capacitance	:	105 pF/m
Velocity of propagation	:	69.5 %
Time Delay	:	4.79 ns/m
Voltage Withstand	:	1000 V

#### Mechanical / Environmental Specifications

Weight	:	63 g/m
Static Bend Radius	:	25,40 mm (1,00 inches)
Operating Temperature Range	:	-55°C to +200°C (-67°F to +392°F)

#### Connectors

Compatible with SMA – BNC – TNC – N – 3.5mm and 7mm interfaces

#### Spécifications

RoHS Compliant

MIL-C-17

FREQUENCY (MHz)	ATTENUATION (dB/m max.)	Average POWER (W)*
100	0,18	1400
400	0,38	650
1000	0,63	400
5000	1,64	180
10000	2,56	90

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