

## X94 - A92804-005

### 50 Ohms Coaxial Cable

#### Construction

1.	Inner Conductor	:	Solid	Ø = 0,91 mm (0.03 inches)
2.	Dielectric	:	Multi-ply laminate EPTFE	
3.	Shield	:	Silver tape	
4.	Braid	:	CuAg 98% recovering	
5.	Jacket	:	FEP	Ø = 3,70 mm (0,14 inches)

#### Electrical Specifications

Impedance	:	50 Ohms
Frequency Use	:	DC to 40 GHz
Cutoff Frequency	:	43 GHz
Shielding Effectiveness	:	> -100dB up to 18GHz, > -90dB 18GHz up to 40GHz
Capacitance	:	79 pF/m
Velocity of propagation	:	83%
Time Delay	:	4,01 ns/m
Voltage Withstand	:	1000 Veff

#### Mechanical / Environmental Specifications

Weight	:	32,70 g/m
Static Bend Radius	:	9,50 mm (0,375 inches)
Dynamic Bend Radius	:	N.A
Operating Temperature Range	:	-65°C to +200°C (-85°F to +392°F)

#### Connectors

Compatible with SMA and 2.9 mm straight or right angle

#### Specifications

- RoHS Compliant
- MIL-C-17

FREQUENCY (MHz)	ATTENUATION (dB/m max.)	Average POWER (W)*
2000	0,49	350
4000	0,71	250
8000	1,02	180
18000	1,59	280
26000	1,96	90
40000	2,50	80

\* : cable only, for ambient temperature (25°C), at sea level