

X97 - A92828-005

50 Ohms Coaxial Cable

Construction

1.	Inner Conductor	:	Solid	$\varnothing = 1,63 \text{ mm (0,06 inches)}$
2.	Dielectric	:	Multi-Plate Laminated PTFE	
3.	Outer conductor	:	Silver Tape	
4.	Braid	:	CuAg 98% recovering	
5.	Jacket	:	FEP	$\varnothing = 5,90 \text{ mm (0,23 inches)}$

Electrical Specifications

Impedance	:	50 Ohms
Operating frequency	:	DC to 26,5 GHz (22 GHz with SMA connectors)
Cut-off Frequency	:	26,7 GHz
Shielding Effectiveness	:	> -100dB up to 18GHz, > -90dB 18 GHz up to 26,5 GHz
Capacitance	:	79 pF/m
Velocity of propagation	:	83%
Time Delay	:	4,01 ns/m
Voltage Withstand	:	N.A

Mechanical / Environmental Specifications

Weight	:	72 g/m
Static Bend Radius	:	19 mm (0,75 inches)
Dynamic Bend Radius	:	30 mm (1,18 inches)
Operating Temperature Range	:	-65°C to +200°C (-85°F to +392°F)

Connectors

Compatible with SMA - TNC – N and 3.5mm

Specifications

- RoHS Compliant
- MIL-C-17

FREQUENCY (MHz)	ATTENUATION (dB/m max.)	Average POWER (W)*
2000	0,28	714
4000	0,40	464
8000	0,59	339
18000	0,93	240
26000	1,15	188

* : cable only, for ambient temperature (20°C), at sea level