

X55 - A92929-069

50 Ohms Coaxial Cable

Construction

1.	Inner Conductor	:	Multi-Brains 7 strand	Ø = 1,45 mm (0,057 inches)
2.	Dielectric	:	ULD PTFE	Ø = 3,78 mm (0,149 inches)
3.	Braid 1	:	Plated Foil CuAg	Ø = 3,99 mm (0,157 inches)
4.	Braid 2	:	Plated Wire CuAg	Ø = 4,42 mm (0,174 inches)
5.	Jacket	:	FEP	Ø = 5,00 mm (0,197 inches)

Electrical Specifications

Impedance	:	50 Ohms
Operating Frequency	:	DC to 26.5GHz
Cut-off Frequency	:	N.A
Capacitance	:	80.4 pF/m
Shielding Effectiveness	:	> -90dB up to 26 GHz
Velocity of propagation	:	81 %
Time Delay	:	4.10 ns/m
Voltage Withstand	:	5000 Veff
Phase stability with flexure	:	1° @ 10GHz and 18GHz

Mechanical / Environmental Specifications

Weight	:	59,10 g/m
Static Bend Radius	:	12,70 mm (0,50 inches)
Dynamic Bend Radius	:	50,80 mm (2,00 inches)
Operating Temperature Range	:	-65°C to +200°C (-85°F to +392°F)

Connectors

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

Spécifications

RoHS Compliant

MIL-C-17

FREQUENCY (MHz)	ATTENUATION (dB/m max.)	Average POWER (W)
2000	0,34	630
4000	0,49	580
8000	0,72	510
18000	1,16	210
26000	1,45	180