

X61 – A92146-095– Tinned Braid .086

50 Ohms Coaxial Cable

Construction

1.	Inner Conductor	:	Solid	Ø = 0,51 mm (0,020 inches)
2.	Dielectric	:	PTFE	Ø = 1,60 mm (0,063 inches)
3.	Outer Conductor	:	Tinned Copper 100% coverage	Ø = 2,18 mm (0,086 inches)

Electrical Specifications

Impedance	:	50 Ohms
Operating Frequency	:	DC to 15 GHz
Cut-off Frequency	:	N.A
Shielding effectiveness	:	N.A
Capacitance	:	105pf/m
Velocity of propagation	:	69,5 %
Time Delay	:	4,79 ns/m
Voltage Withstand	:	5000 Vrms

Mechanical / Environmental Specifications

Weight	:	16 g/m
Static Bend Radius	:	6,35mm (0,25 inches)
Dynamic Bend Radius	:	N.A
Operating Temperature Range	:	-40°C to 125°C (-40°F to +437°F)

Connectors

Compatible with SMA – SMB and N interfaces

Specifications

- RoHS Compliant
- MIL-C-17

FREQUENCY (MHz)	ATTENUATION (dB/m max.)	Average POWER (W)*
1000	0,70	25,20
5000	1,69	10,80
8000	2,53	N.A
12000	3,60	N.A
15000	3,50	N.A

* : cable only, at ambient temperature and sea level