

X96 - A92806-005
50 Ohms Coaxial Cable

TECHNICAL DATASHEET RECORD LIST		
Issue	Date	Reasons for revision
4	01/02/2018	Static Bend radius updated 25mm become 16mm
5	23/03/2020	Logo Modification

Construction

1.	Inner Conductor	:	Solid	Ø = 1,30 mm (0.05 inches)
2.	Dielectric	:	Multi-ply laminate EPTFE	
3.	Shield	:	Silver tape	
4.	Braid	:	CuAg AWG38 95% recovering	
5.	Jacket	:	FEP	Ø = 4,82 mm (0,19 inches)

Electrical Specifications

Impedance	:	50 Ohms
Operating Frequency	:	DC to 32 GHz
Cut-off Frequency	:	32 GHz
Shielding Effectiveness	:	> 100dB up to 18GHz, > -90dB 18 GHz up to 32 GHz
Capacitance	:	79 pF/m
Velocity of propagation	:	83%
Time Delay	:	4,01 ns/m
Voltage Withstand	:	N.A

Mechanical / Environmental Specifications

Weight	:	40 g/m
Static Bend Radius	:	16mm mm (0,63 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	0,36	550
4000	0,51	400
8000	0,75	270
18000	1,18	180
26000	1,46	160
32000	1,65	140

* : cable only for Ambient temperature (+20°C) and Sea level