

X25 – A91151-089
50 ohms Coaxial Cable
Compliant with ABD0031 - FAR 25/JAR and 25.869 – EN3475-407

TECHNICAL DATASHEET RECORD LIST		
Issue	Date	Reasons for revision
8	24/04/2018	Add power information
9	20/03/2020	Logo Modification

Construction

1.	Inner Conductor	:	Multi-Braids	Ø = 0,51 mm (0,02 inches)
2.	Dielectric	:	PTFE	Ø = 1,52 mm (0,06 inches)
3.	Braid 1	:	10/100 CuAg Wire	
4.	Braid 2	:	10/100 CuAg Wire	
5.	Jacket	:	Green FEP	Ø = 2,60 mm (0,10 inches)

Electrical Specifications

Impedance	:	50 Ohms
Operating Frequency	:	DC to 12.4 GHz
Cut-off Frequency	:	12,40 GHz
Shielding effectiveness	:	> 65dB Dc-1Ghz; 65dB 1-3Ghz
Capacitance	:	105 pF/m
Velocity of propagation	:	69.5 %
Time Delay	:	4,79 ns/m
Voltage Withstand	:	900 Vrms

Mechanical / Environmental Specifications

Weight	:	19 g/m
Static Bend Radius	:	32,20 mm (1,23 inches)
Dynamic Bend Radius	:	N.A
Operating Temperature Range	:	-90°C to +200°C (-67°F to +392°F)

Connectors

Compatible with SMA – SSMA – BNC – N –TNC -MCX and KMC/KMV

Specifications

RoHS Compliant

MIL-C-17

FREQUENCY (MHz)	ATTENUATION (dB/m max.)	Average POWER (W)
1000	1,0	65
2000	1,43	45
3000	1,77	36
4000	2,06	N.A
8000	2,96	N.A
12000	3,68	N.A