

X71 – A92830-005 50 ohms Coaxial Cable Compliant with FAR 25.853 Appendix F

Construction

1.	Inner Conductor	:	Multi-Brain 7x16	∅ = 3,86 mm	(0,15 inches)
2.	Dielectric	:	EPTFE	∅ = 10,08 mm	(0,39 inches)
3.	Shield	:	Silver Copper shield	∅ = 10,21 mm	(0,40 inches)
4.	Braid	:	36 AWG - 93% recovering	∅ = 10,80 mm	(0,43 inches)
5.	Jacket	:	FEP	∅ = 12,20 mm	(0,48 inches)

Electrical Specifications

Impedance	:	50 Ohms
Operating Frequency	:	DC to 11 GHz
Cut-off frequency	:	11.5 GHz
Shielding Effectiveness	:	> -100dB up to 11.5 GHz
Capacitance	:	78.7 pF/m
Velocity of propagation	:	84 %
Time Delay	:	3.96 ns/m
Voltage Withstand	:	N.A

Mechanical / Environmental Specifications

Weight	:	245 g/m
Static Bend Radius	:	76 mm (3 inches)
Operating Temperature Range	:	-65°C to +200°C (-85°F to +392°F)

Connectors

Compatible with N and 7/16 interfaces

Spécifications

- RoHS Compliant
- MIL-C-17

FREQUENCY (MHz)	ATTENUATION (dB/m max.)	Average POWER (W)*
1000	0,10	3250
2000	0,14	2250
4000	0,21	1550
8000	0,32	1150
11000	0,38	780

* : cable only, at ambient temperature and sea level