

## X84 - A92328-013

### 50 ohms Coaxial Cable

#### Construction

1.	Inner Conductor	:	Solid	Ø = 1,57 mm (0,062 inches)
2.	Dielectric	:	PTFE	Ø = 4,70 mm (0,185 inches)
3.	Braid N° 1	:	CuAg	Ø = 4,95 mm (0,195inches)
4.	Ribbon	:	Al	Ø = 5,08mm (0,200 inches)
5.	Braid N°2	:	CuAg	Ø = 5,77 mm (0,227 inches)
6.	Jacket	:	FEP	Ø = 6,35 mm (0,250 inches)

#### Electrical Specifications

Impedance	:	50 Ohms
Operating Frequency	:	DC to 18 GHz
Cut-off Frequency	:	24 GHz
Shielding Effectiveness	:	> -100dB
Capacitance	:	87,7 pF/m
Velocity of propagation	:	76 %
Time Delay	:	4,39 ns/m
Voltage Withstand	:	2000 Vdc

#### Mechanical / Environmental Specifications

Weight	:	100 g/m
Static Bend Radius	:	31,80 mm (1,250 inches)
Dynamic Bend Radius	:	N.A
Operating Temperature Range	:	-55°C to +200°C (-67°F to +392°F)

#### Connectors

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

#### Spécifications

- RoHS Compliant       Flame Retardant in accordance with IEC 60332 Part 1-2 \*
- MIL-C-17

FREQUENCY (MHz)	ATTENUATION (dB/m max.)	Average POWER (W) <sup>(1)</sup>
2000	0,32	710
4000	0,46	491
8000	0,66	336
12000	0,82	268
18000	1,03	213

(1) : Power value indicated for Ambient Temperature +40°C, VSWR 1:1 at sea level

\* : Report to document "1274 IEC60332-1-2 Rev 1"