

## X73 - B92205-005

### 50 ohms Coaxial Cable

#### Construction

1.	Inner Conductor	:	Multi-Brain 7x16	∅ = 3,86 mm	(0,15 inches)
2.	Dielectric	:	EPTFE	∅ = 10,08 mm	(0,39 inches)
3.	Shield	:	Ag Foil 38% overlap	∅ = 10,21 mm	(0,40 inches)
4.	Braid	:	38 AWG 93% recovering	∅ = 10,67 mm	(0,42 inches)
5.	Jacket	:	Estane 58244 TPU (Flame Retardant)	∅ = 12,70 mm	(0,50 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	:	83 %
Time Delay	:	4,01 ns/m
Voltage Withstand	:	N.A

#### Mechanical / Environmental Specifications

Weight	:	245 g/m
Static Bend Radius	:	75 mm (2,95 inches)
Dynamic Bend Radius	:	100 mm (3,94 inches)
Operating Temperature Range	:	-65°C to +135°C (-85°F to +275°F)

#### Connectors

Compatible with N – TNC – SMA and 7/16 (in custom manufacturing) 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