

X120 – B91375-013

50 ohms Coaxial Cable

Construction

1.	Inner Conductor	:	Solid	Ø = 4,47 mm (0,176 inches)
2.	Dielectric	:	Foam PE	Ø = 11,56 mm (0,455 inches)
3.	Outer Conductor	:	SPC Strip	Ø = 11,81 mm (0,465 inches)
4.	Overall Braid	:	TC Braid over Al Tape	Ø = 12,70 mm (0,500 inches)
5.	Jacket	:	PE	Ø = 14,99 mm (0,590 inches)

Electrical Specifications

Impedance	:	50 Ohms
Operating Frequency	:	DC to 10 GHz
Cut off Frequency	:	N.A
Shielding Effectiveness	:	> -100dB
Capacitance	:	76.6 pF/m
Velocity of propagation	:	87 %
Time Delay	:	3.83 ns/m
Voltage Withstand	:	4000 Vdc

Mechanical / Environmental Specifications

Weight	:	240 g/m
Static Bend Radius	:	38.1 mm (1.50 inches)
Dynamic Bend Radius	:	152.4 mm (6.00 inches)
Operating Temperature Range	:	-40°C to +85°C (-40°F to +185°F)
Application	:	Outdoor

Connectors

Compatible with UHF – TNC – N - 7/8 EIA and 7/16 DIN interfaces

Spécifications

RoHS Compliant

MIL-C-17

FREQUENCY (MHz)	ATTENUATION (dB/m max.)	Average POWER (W)*
900	0,09	880
1500	0,12	660
2000	0,14	560
2500	0,16	500
5800	0,25	300
10000	0,35	220

* : cable only, for ambient temperature (25°C), at sea level and VSWR = 1.0:1