

X151 – B96612-032

Low Smoke Free Halogen 50 ohms Coaxial Cable

Construction

1.	Inner Conductor	:	Cu-clad Al Wire	∅ = 2,540 mm	(0,100 inches)
2.	Dielectric	:	Foam PE	∅ = 6,858 mm	(0,270 inches)
3.	Outer conductor	:	Corrugated Copper	∅ = 7,874 mm	(0,310 inches)
4.	Jacket	:	LSZH Black PE*	∅ = 9,017 mm	(0,355 inches)

* Smoke Index Test Method : IEC 61034

Toxicity Index Test Method : IEC 60754-1 / 60754-2

Electrical Specifications

Impedance	:	50 Ohms
Operating Frequency	:	DC to 15,80 GHz
Cut-off Frequency	:	N.A
Shielding Effectiveness	:	N.A
Capacitance	:	77,00 pF/m
Velocity of propagation	:	86 %
Time Delay	:	3,78 ns/m
Voltage Withstand	:	5000 VDC

Mechanical / Environmental Specifications

Weight	:	90 g/m
Static Bend Radius	:	38,10 mm (1,50 inches)
Dynamic Bend Radius	:	76,20 mm (3,00 inches)
Operating Temperature Range	:	-40°C to +60°C (-40°F to +140°F)

Connectors

Compatible with SMA – N and 7/16 interfaces

Spécifications

RoHS Compliant

MIL-C-17

FREQUENCY (MHz)	ATTENUATION (dB/m max.) at 20°C	Average POWER (W) ⁽¹⁾
1000	0,14	540
2000	0,21	370
4000	0,30	250
6000	0,38	190
15800	0,69	110

⁽¹⁾ : cable only, for ambient temperature (40°C), at sea level