

X115 - A91658-013 - Fire Retardant*

50 ohms LSZH Coaxial Cable⁽¹⁾

Construction

1.	Inner Conductor	:	Solid	∅ = 2,74 mm (0,11 inches)
2.	Dielectric	:	PE	∅ = 7,24 mm (0,285 inches)
3.	Outer conductor	:	Aluminum Tape	∅ = 7,39 mm (0,29 inches)
4.	Braid	:	Tinned Copper	∅ = 8,13 mm (0,32 inches)
5.	Jacket	:	Fire Retardant PE	∅ = 10,29 mm (0,41 inches)

LSZH and Fire Retardant cable

Electrical Specifications

Impedance	:	50 Ohms
Operating Frequency	:	DC to 5,80 GHz
Cut-off Frequency	:	N.A
Shielding Effectiveness	:	> -90dB
Capacitance	:	78,4 pF/m
Velocity of propagation	:	85 %
Time Delay	:	3,92 ns/m
Voltage Withstand	:	2500 Vdc

Mechanical / Environmental Specifications

Weight	:	100 g/m
Static Bend Radius	:	25,40 mm (1,00 inches)
Dynamic Bend Radius	:	101,60 mm (4,00 inches)
Operating Temperature Range	:	-40°C to +85°C (-40°F to +185°F)

Connectors

Compatible with SMA – BNC – TNC – N and 7/16 interfaces

Spécifications

RoHS Compliant

MIL-C-17

FREQUENCY (MHz)	ATTENUATION (dB/m max.)	Average POWER (W) ⁽²⁾
900	0,13	580
1500	0,17	440
2000	0,20	370
2500	0,22	330
5800	0,36	210

⁽¹⁾ : non-halogen (non-toxic), low smoke, fire retardant cable designed for in-building runs that can be routed anywhere except air handling plenums, UL/NEC & CSA rated 'CMR' and 'FT4' respectively, meets FAA FAR25 requirements and is MSHA-P for mining applications.

⁽²⁾ : cable only, for ambient temperature (40°C), VSWR = 1.0 at sea level