

RG 59 LSZH

RG 59 LSZH is a halogen free, flame retardant 75 Ohm coaxial cable used for transmission of video signals.

DESCRIPTION

RG 59 LSZH is a 75 Ohm coaxial cable. The cable has inner conductor of copper clad steel, dielectric of solid polyethylene, braid of bare copper and outer sheath of halogen free, flame retardant compound. RG 59 LSZH is used for transmission of video signals in analog CCTV systems. The cable is intended for fixed installation indoors. Fire performance according to CPR class Dcas2d2a2.



STANDARDS

International IEC 60332-1



Halogen free
Yes



Operation bending rad.
38 mm



Ambient installation T°C range
-10 - 50 °C



Operating temp.
-25 - 70 °C

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RG 59 LSZH

CHARACTERISTICS

Construction characteristics

Conductor shape	Single wired
Conductor material	Copper-clad steel
Insulation	PE
Outer core type	Single bare copper braid
Outer sheath	HFFR (polyolefin)
Colour	White
Halogen free	Yes

Dimensional characteristics

Conductor diameter	0.6 mm
Diameter over insulation	3.7 mm
Nominal outer diameter	6.1 mm
Approximate weight	4.9 kg/100m

Electrical characteristics

Characteristic impedance	75 Ohm
Capacity core to screen	67 pF/m

Transmission characteristics

Attenuation, nom. 50 MHz	7.5 dB/100m
Attenuation, nom. 200 MHz	15.8 dB/100m
Attenuation, nom. 450 MHz	24.5 dB/100m
Attenuation, nom. 860 MHz	34.8 dB/100m

Usage characteristics

Laying operation bending radius	38 mm
Packaging	Reel
Ambient installation temperature, range	-10 - 50 °C
Operating temperature, range	-25 - 70 °C

PRODUCT LIST

Nexans Ref.	Country Ref.	Name	Length [m]
 19502771	4870515	RG 59 LSZH	500
 19502741	4870512	RG 59 LSZH	100

 = Make to order,  = In stock,

SELLING AND DELIVERY INFORMATION

RG 59 LSZH will be delivered in lengths of 100 and 500 m. The drum is marked with manufacturer, type of cable and length. The ends of the cable are sealed.