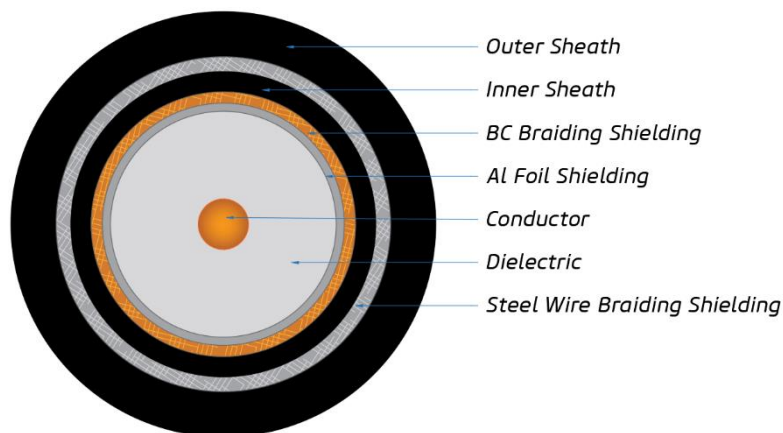




LadonX™ 75Ω RG6 Coaxial Cable

LSOH OUTER SHEATH/STEEL WIRE BRAIDING SHIELDING/INNER SHEATH/BC BRAIDING SHIELDING/AL FOIL SHIELDING/DIELECTRIC



Flame Resistant

IEC 60332-1-1

IEC 60332-1-3

Design Reference

IEC 60754-1

IEC 60228

IEC 61034

Application

Transmission of signal data.

Working Conditions

Storage Temperature

-20°C ~ +60°C

Installation Temperature:

-10°C ~ +60°C

Operation Temperature

-20°C ~ +90°C

Technical data

Part No.		RG6
Nominal Impedance	Ω	75
Conductor Material		Bare copper
Conductor Diameter (Nom.)	mm	1.02
Dielectric Material		Foam PE
Dielectric Diameter (Nom.)	mm	4.57
Overall Shielding-1		Al Foil
Overall Shielding-2		95% BC Braiding Shielding
Inner Sheath		LSOH
Inner Sheath Colour		Black
Thickness of Inner Sheath (Nom.)	mm	0.4
Overall Shielding-3		Steel Wire Braiding Shielding
Coverage of Steel Wire Braiding Shielding		≥85%
Thickness of Steel Wire Braiding Shielding (Nom.)	mm	0.3
Outer Sheath		LSOH
Outer Sheath Colour		Black
Thickness of Outer Sheath (Nom.)	mm	0.9
Overall Diameter (Nom.)	mm	8.5



Mechanical & Electrical Property

No.	Mechanical Specification	Unit	Designed Value
1	Nominal Impedance	Ω	75
2	Nominal Velocity of Propagation	%	85
3	Nominal Capacitance	pF/m	50
4	Sparker Test	VAC	4000
5	SRL	dB	20

Attenuation														
Frequency (MHz)	5	55	187	300	450	600	750	865	1000	1450	1800	2100	2250	3000
Max. (dB/100ft)	0.58	1.60	2.85	3.55	4.40	5.10	5.65	6.10	6.55	7.98	8.46	9.50	10.00	11.40
Max. (dB/100m)	1.90	5.25	9.35	11.64	14.43	16.73	18.54	20.01	21.49	26.16	27.73	31.15	34.03	37.50

Sheath Marking

The outer sheath is marked in 1meter intervals as follows

HERMESYS LADONX 75 Ω RG6 COAXIAL CABLE WW YYYY XXXXM

Shipping Information

Packing Method

Wooden Drum with proper protection

Delivery Length

2/4 km per drum

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