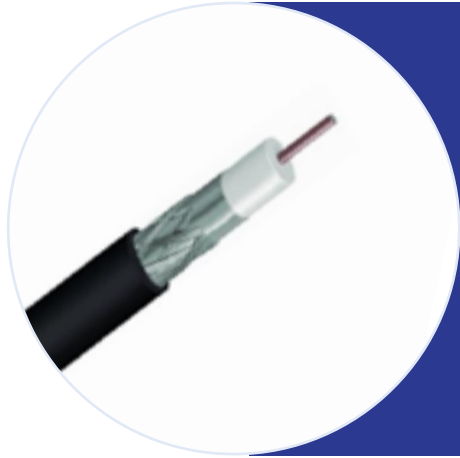


LadonX™ Coaxial Cable Series

75Ω RG12 Cable



LadonX™ Coaxial cable is used as a transmission line for radio frequency signals. Its applications include feedlines connecting radio transmitters and receivers with their antennas, computer network (Internet) connections, digital audio (S/PDIF) and distributing cable television signals.

SPECIFICATION

Conductor Material	Bare copper
Conductor Diameter	7×0.40 ± 0.01mm (Ø 1.2mm)
Dielectric Material	Foam PE
Dielectric Nom. Diameter	7.4 ± 0.05 mm
Overall Shielding-1	AL foil
Overall Shielding-2	Tinned copper, coverage 75 %
Jacket Type	PVC or PE
Overall Diameter	10.3 ± 0.05 mm

MECHANICAL & ELECTRICAL PROPERTIES

Nominal Impedance (Ω)	75 Ω		
Nominal Velocity of Propagation (%)	85%		
Nominal Capacitance (pF/m)	50 pF/m		
Sparker Test (VAC)	2000		
SRL (dB)	20 dB		
	Frequency (MHz)	Max. (dB/100ft)	Max. (dB/100m)
ATTENUATION @20°C	5	-	-
	55	0.96	3.15
	211	1.90	6.23
	400	2.60	8.53
	450	2.75	9.02
	550	3.04	9.97

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	Frequency (MHz)	Max. (dB/100ft)	Max. (dB/100m)
ATTENUATION @20°C	750	3.65	11.97
	870	4.00	13.05
	1000	4.35	14.27

ORDERING INFORMATION

** RG12-0120X3175

1) XX = Type of Jacket (0/PE, 1/PVC, 2/LSOH, 3/FR-LSOH)

Remark: Hermesys LadonX RG12 <Part No> Type Jacket MMYX XXXXm