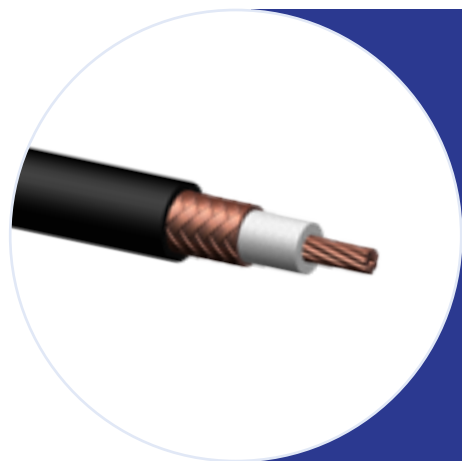


LadonX™ Coaxial Cable Series

50Ω RG213 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	2.25mm (7*0.75 ± 0.01 mm)
Dielectric Material	Foam PE
Dielectric Nom. Diameter	7.25 ± 0.05 mm
Overall Shielding-1	Bare copper braiding, coverage 90 %
Overall Shielding-2	N/A
Jacket Type	PVC or LSOH
Overall Diameter	10.3 ± 0.20 mm

MECHANICAL & ELECTRICAL PROPERTIES

Nominal Impedance (Ω)	50 ± 3 Ω
Nominal Velocity of Propagation (%)	66%
Nominal Capacitance (pF/m)	100 ± 3 pF/m
Sparker Test (VAC)	4000
Inner Conductor	5.7Ω/Km
Outer Conductor	3.9Ω/Km
Return Loss @ 100Mhz	≥ 23
@ 1,000Mhz	≥ 18
@ 3,000Mhz	≥ 16
Attenuation (20°C, dB/100m) @ 100Mhz	2.00
@ 200Mhz	2.95
@ 400Mhz	4.59

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Attenuation (20°C, dB/100m) @ 1,000Mhz	7.87
@ 1,500Mhz	31.50
@ 2,000Mhz	36.40
@ 3,000Mhz	46.60

ORDERING INFORMATION

** RG213-0225X0N90

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

Remark: Hermesys LadonX RG213 Type Jacket MMYX XXXXm