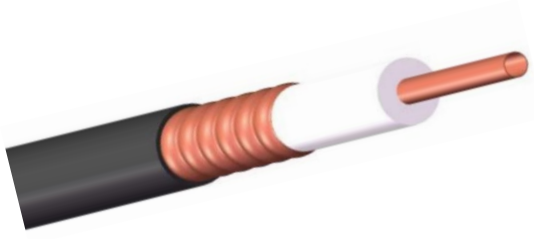
LadonX™ 50Ω 7/8"Z Coaxial Feeder Cable



The high-performance of attenuation allows coaxial cable to be used in different RF systems, such as 3G, 4G mobile communication.

Wide range of applications, such as indoor distribution, broadcast, various base stations, wireless cellular, and others.

Lower VSWR, perfect shielding effectiveness, and extraordinary inter-modulation performance lead to fewer energy loss and outer interference.

Flame Resistant

IEC60332-1

Design Reference

YD/T1092-2013

SJ/T 11365-2006

GB/T18380.12-2008

Application

Transmission of signal data.

Working Conditions

Storage Temperature

-55°C ~ +85°C

Installation Temperature:

-40°C ~ +60°C

Operation Temperature

-55°C ~ +85°C

Min. single bending radius

120mm

Min. repeated bending radius

250mm

Technical data

Nominal Impedance	Ω	50
Inner Conductor Material		Smooth copper
Inner Conductor Diameter (Nom.)	mm	9.0
Insulation Material		Physically foamed PE
Insulation Diameter (Nom.)	mm	22.5
Outer Conductor		Helical corrugated copper
Outer Conductor Diameter (Nom.)	mm	24.9
Outer Sheath		Fire Retardant PE
Outer Sheath Colour		Black
Overall Diameter (Nom.)	mm	27.3

Hermesys

Electrical Property

1	Nominal Impedance	Ω	50±2
2	Inner conductor DC resistance	Ω/km	1.50
3	Outer conductor DC resistance	Ω/km	1.34
4	Nominal capacitance	pF/m	76
5	Propagation velocity	%	88
6	DC breakdown voltage	kV	10
7	Insulation resistance	MΩ•km	>10000

Transmission Property

Attenuation values may be with a tolerance of 5%.

Frequency MHz	150	450	800	900	1800	2000	2200	2400	2500	2700	3000
Attenuation @20°C, dB/100m	1.54	2.77	3.83	4.08	6.08	6.47	6.85	7.20	7.39	7.74	8.24

Sheath Marking

The outer sheath is marked in 1meter intervals as follows

HERMESYS LADONX 50Ω 7/8"Z COAXIAL FEEDER CABLE WW YYYY XXXXM

Shipping Information

Packing Method	Wooden Drum with proper protection
Delivery Length	2/4 km per drum

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