

PRODUCT SPECIFICATION

75 Ohm Drop Coaxial Cable

RG59

PRODUCT DESCRIPTION



- The high-performance of electric properties, which lead to fewer energy loss and outer interference, allow cable to be used as drop cable in terms of broadband, such as digital transmission, television signal, public computer network connection, and so on.
- Indoor and outdoor distribution.

CONSTRUCTION

Inner conductor	Copper clad steel or copper wire	Φ 0.81mm
Insulation	Physically foamed PE	Φ 3.66mm
1st Outer conductor	Bonded aluminum laminated tape	
2nd Outer conductor	Al-Mg or copper alloy braid Coverage: ≥60%	
3rd Outer conductor	Aluminum laminated tape	
4th Outer conductor	Al-Mg or copper alloy braid Coverage: ≥40%	
Jacket	PVC, PE or flame retardant PVC, PE	Φ 6.73mm

MECHANICAL PROPERTIES

Cable length	m	100/200/250/305
Min. single bending radius	mm	30
Pulling strength	N	200
Adhesion Force	N	>20

ELECTRICAL PROPERTIES

Impedance	Ω	75±3
Nominal Capacitance	pF/m	54
Propagation velocity	%	81
DC breakdown voltage	kV	2.5
Insulation resistance	MΩ•km	≥5000
Screening attenuation	dB	≥95@30~1000MHz

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TRANSMISSION PROPERTIES

Frequency MHz	Attenuation @20°C,dB/100m	Attenuation @20°C,dB/100ft
55	6.73	2.05
211	12.47	3.80
300	14.60	4.45
450	17.72	5.40
550	19.52	5.95
750	22.87	6.97
865	24.67	7.52
1000	26.64	8.12

STRUCTURE RETURN LOSS

5-1000MHz	dB	≥20
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STANDARDS

2011/65/EU	Compliant
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