

PRODUCT SPECIFICATION

75 Ohm Drop Coaxial Cable

MINI 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	Φ 0.58mm
Insulation	Physically foamed PE	Φ 2.59mm
1st Outer conductor	Bonded aluminum laminated tape	
2nd Outer conductor	Al-Mg or copper alloy braid Coverage: ≥90%	
3rd Outer conductor	Aluminum laminated tape	
4th Outer conductor	Al-Mg or copper alloy braid Coverage: ≥55%	
Jacket	PVC, PE or flame retardant PVC, PE	Φ 5.10mm

MECHANICAL PROPERTIES

Cable length	m	305
Min. single bending radius	mm	20
Pulling strength	N	140
Adhesion Force	N	>18

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	≥105@30~1000MHz ≥95@1000~2000MHz ≥85@2000~3000MHz
Transfer impedance	mΩ/m	≤0.9@5~30MHz

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TRANSMISSION PROPERTIES

Frequency MHz	Attenuation @20°C,dB/100m	Attenuation @20°C,dB/100ft
71.5	10.17	3.10
135	12.47	3.80
270	17.72	6.40
360	20.34	6.20
540	25.26	7.70
720	29.86	9.10
750	31.17	9.50
1000	34.45	10.50
1500	42.65	13.00
2500	55.45	16.91
3000	60.70	18.51

STRUCTURE RETURN LOSS

5-1000MHz	dB	≥21
1000-2000MHz	dB	≥18
2000-3000MHz	dB	≥16

STANDARDS

2011/65/EU	Compliant
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