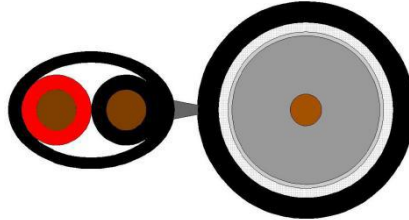


PRODUCT SPECIFICATION

RG59S+POWER CABLE

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: \geq 60%	
Jacket	Flame retardant PVC or PE	Φ 6.10mm

MECHANICAL PROPERTIES

Cable length	m	305
Min. single bending radius	mm	28
Pulling strength	N	180
Adhesion Force	N	>20

ELECTRICAL PROPERTIES

Impedance	Ω	75 \pm 3
Capacitance	pF/m	54
Propagation velocity	%	81
DC breakdown voltage	kV	2.5
Insulation resistance	M Ω •km	\geq 5000
Screening attenuation	dB	\geq 75@30~1000MHz

PRODUCT SPECIFICATION

RG59S+POWER CABLE

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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POWER CABLE

Inner conductor	Stranded copper or copper clad aluminum	7×Φ 0.38mm
Insulation	Black & red PVC	Φ 2.35mm
Jacket	Flame retardant PVC or PE	Φ 3.90×6.05mm
Inner conductor DC resistance	Ω/km	23
Rating voltage	kV	300/500V
Rating temperature	°C	70