

Product Specification



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RG6S90 drop coaxial cable

Physical Dimensions		
Inner Conductor	Material	CCS Copper Clad Steel
	Diameter,mm	1.02±0.01
Insulation	Material	Physical foamed PE
	Diameter,mm	4.57±0.15
Outer conductor	First shield	Bonded aluminum foil Thickness:0.065mm
	Second shield	Additional aluminum wire Diameter:0.16mm Braid:24×5 braid coverage : 90%
	Diameter, mm	5.30(Nominal)
Jacket	Material	Polyvinyl chloride
	Diameter, mm	6.91±0.20
Messenger	Material	Steel
	Diameter, mm	1.30
Mechanical Characteristics		
Adhesion Force (> N) (Sample of 300mm long)		20
Minimum Breaking Strength of Messenger,kgf		82
Electrical Characteristics		
Nominal Impedanc , Ω		75±3
Capacitance, pF/m		52
Propagation velocity, %		85
DC breakdown voltage, KV		5.0
Insulation resistance, M Ω • Km		>5 × 10 ³
Normal DC Resistance (20°C, Ω/km)	Inner conductor	100
	Outer conductor	40
	Loop	140



Figure: RG6S60+M drop coaxial cable

Attenuation (20°C, ↗dB/100m)	
5 MHz	1.90
55 MHz	5.25
211 MHz	10.00
350 MHz	12.63
450 MHz	14.43
550 MHz	16.08
750 MHz	18.54
865 MHz	20.01
1000 MHz	21.49
Shielding effectiveness ,> dB	
5~1000MHz	75
Return loss , ≥ dB	
5~1000MHz	20

- Attenuation increases at higher temperature. The temperature coefficient is 0.18%/°C.