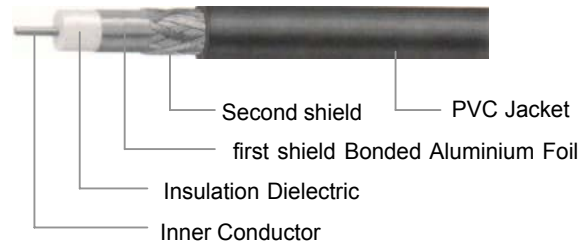


RG11 CATV/MATV Coaxial Drop Cable

Part Number: D1-RG11/S95-3G

Physical Dimensions		
Inner Conductor	Material	14AWG Copper-Clad Steel
	Dia. ,mm	1.63 mm
Insulation	Material	Physical Foamed PE
	Dia. ,mm	7.11 mm
Outer conductor	First shield	Bonded aluminum Mylar Tape
	Second shield	Aluminum Braid Wire
	Dia. ,mm	7.78 mm
Jacket	Material	Polyvinyl Chloride
	Thickness ,mm	1.07 mm
	Dia. ,mm	10.03 mm
Mechanical Characteristics		
Adhesion Force (> N) (Sample of 300mm long)		20
Electrical Characteristics		
Nominal Impedanc , Ω		75
Capacitance, pF/m		52
Propagation velocity, %		85
DC breakdown voltage, KV		5.0
Insulation resistance , $M\Omega$ Km		$>5 \times 10^3$
Normal DC Resistance (20°C, Ω km)	Inner conductor	8.3
	Outer conductor	30.3
	Loop	38.6

- Adhesion force means the separating force between inner conductor and dielectric.
- Attenuation increases at higher temperature. The temperature coefficient is 0.18%/°C.
- The package type and dimension can be decided according to customer demands.



Attenuation (20°C, dB/100m)	
55 MHz	3.12
250 MHz	6.72
350 MHz	7.94
450 MHz	9.02
500 MHz	9.51
550 MHz	9.97
750 MHz	11.97
865 MHz	13.05
1000 MHz	14.27
1200MHz	15.85
1450MHz	17.78
1750MHz	20.01
2000MHz	21.79
2300MHz	23.84
2400MHz	24.25
2550MHz	25.49
3000MHz	28.36
Shielding effectiveness ,> dB	
55 MHz	68
300 MHz	70
1000 MHz	70
Return loss ,> dB	
VHF	20
UHF	20