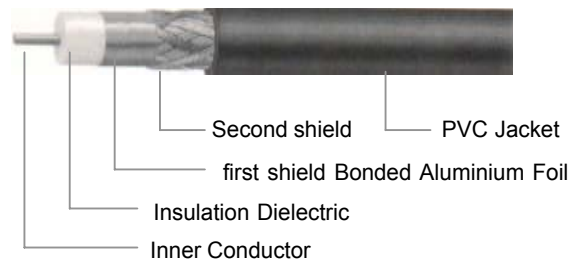


## RG6 CATV/MATV Coaxial Drop Cable

Part Number: D1-RG6/S95-3G

Physical Dimensions		
Inner Conductor	Material	18AWG Copper-Clad Steel
	Dia. ,mm	1.02 mm
Insulation	Material	Physical Foamed PE
	Dia. ,mm	4.57 mm
Outer conductor	First shield	Bonded aluminum Mylar Tape
	Second shield	Aluminum Braid Wire
	Dia. ,mm	5.25 mm
Jacket	Material	Polyvinyl chloride
	Thickness ,mm	0.76 mm
	Dia. ,mm	6.91 mm
Mechanical Characteristics		
Adhesion Force (> N) (Sample of 300mm long)		20
Electrical Characteristics		
Nominal Impedanc , $\Omega$		75
Capacitance, pF/m		53
Propagation velocity, %		85
DC breakdown voltage, KV		3.0
Insulation resistance , $M\Omega$ Km		$>5 \times 10^3$
Normal DC Resistance (20°C, $\Omega$ km)	Inner conductor	21
	Outer conductor	40
	Loop	61

- 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	5.25
250 MHz	10.82
350 MHz	12.63
450 MHz	14.43
500 MHz	15.09
550 MHz	16.08
750 MHz	18.54
865 MHz	20.01
1000 MHz	21.49
1200MHz	23.89
1450MHz	26.30
1750MHz	29.13
2000MHz	31.35
2300MHz	33.84
2400MHz	34.20
2550MHz	35.85
3000MHz	39.21
Shielding effectiveness, > dB	
55 MHz	70
300 MHz	75
1000 MHz	75
Return loss , > dB	
VHF	20
UHF	20