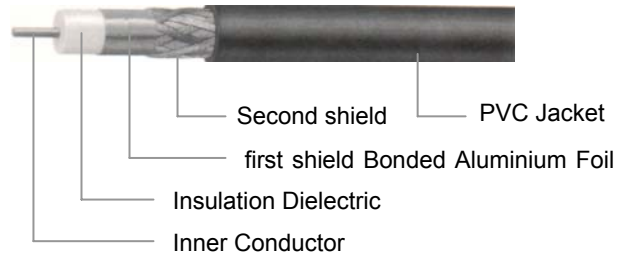


# RG11 CATV/MATV Coaxial Drop Cable



**Part Number: D1-RG11/S40**

Physical Dimensions		
Inner Conductor	Material	14AWG Copper-Clad Steel
	Dia. ,mm	0.064" (1.63 mm)
Insulation	Material	Gas Expanded Polyethylene
	Dia. ,mm	0.280" (7.11 mm)
Outer conductor	First shield	Bonded aluminum Mylar Tape
	Second shield	Aluminum Braid Wire
	Dia. ,mm	0.282" (7.16 mm)
Jacket	Material	Flame Retardant PVC Jacket
	Thickness ,mm	0.044" (1.13 mm)
	Dia. ,mm	0.390" (9.91 mm)
Mechanical Characteristics		
Adhesion Force (> N) (Sample of 300mm long)		20
Electrical Characteristics		
Nominal Impedanc , $\Omega$		75 $\pm$ 3.0
Capacitance, pF/m		16.2 pF/ft (53.1 pF/m)
Propagation velocity, %		85
DC breakdown voltage, KV		3.0
Insulation resistance , M $\Omega$ ·Km		>5 $\times$ 10 <sup>3</sup>
Normal DC Resistance (20°C, $\Omega$ /km)	Inner conductor	8.3
	Outer conductor	30.3
	Loop	38.6



Attenuation (20°C, @dB/100m)	
5 MHz	1.18
55 MHz	3.12
211 MHz	5.95
250 MHz	6.50
350 MHz	7.74
400 MHz	8.30
450 MHz	8.83
500 MHz	9.35
550 MHz	9.88
600MHz	10.37
750 MHz	11.75
870 MHz	12.80
1000 MHz	13.88
1200MHz	15.55
1450MHz	17.68
1750MHz	19.88
Shielding effectiveness ,> dB	
55 MHz	68
300 MHz	70
1000 MHz	70
Return loss ,> dB	
VHF	20
UHF	20

- 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.