

COAXIAL CABLE (CCS)

Key Features

- **Central Copper Conductor:** Ensures stable and efficient signal transmission.
- **High-Density Insulation:** Maintains signal integrity and reduces loss.
- **Multi-Layer Shielding:** Protects against EMI and signal interference.
- **75 Ohm / 50 Ohm Impedance Options:** Suitable for TV, broadband, and RF applications.
- **Low Signal Attenuation:** Supports long-distance transmission with minimal loss.
- **Wide Frequency Range:** Handles high-frequency video and data signals.
- **Durable Outer Jacket:** Resistant to moisture, heat, and mechanical damage.
- **Flexible & Easy Installation:** Simple stripping and connector termination.
- **High Bandwidth Capacity:** Ideal for CATV, DTH, CCTV, and broadband networks.
- **Flame-Retardant Options Available:** Enhances installation safety.



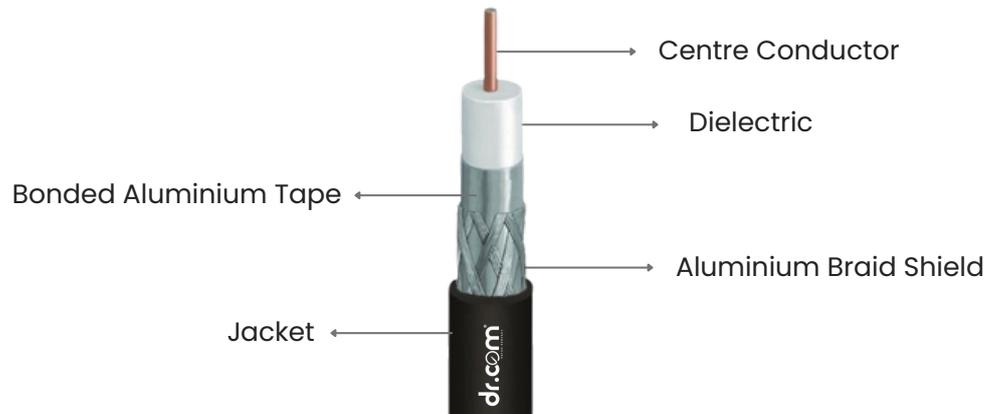
100 Meter Cable
Coil Packing



305 Meter Cable
Spool Packing

*Images are for representation purpose only.

RG-59 PVC COAXIAL CABLE (CCS)



Specification

Model	DR- RG59-CCS-PV			
Category	CATV			
Dielectric	Gas Expanded Foam PE			
Conductor	Material	Copper Clad Steel (CCS)		
	Diameter	20 AWG (0.80 mm)		
Shielding	1st Shield	Aluminium tape bonded to dielectric		
	2nd Shield	Aluminium braid wire		
	Outer Sheath Material	PVC - Black		
Jacketing	Nominal Thickness	0.70 mm		
	Approximate Cable OD	5.29 mm		
	Impedance	75 ± 3 Ω		
	Typical Attenuation at 20° C (dB/100m)	55 MHz	6.02	
		211 MHz	11.83	
		300 MHz	14.19	
		500 MHz	16.64	
		750 MHz	18.45	
		600 MHz	20.24	
Physical Properties	Cable length	305 ± 0.5 m	100 ± 0.5 m	
	Package dimension	381 mm (W) × 381 mm (H) × 241 mm (D)	260 mm (W) × 260 mm (H) × 108 mm (D)	
	Weight	12 kg Approx	4 kg Approx	
	Packing	Spool	Coil	

RG-6 PVC COAXIAL CABLE (CCS)



Specification

Model	DR-RG6-CCS-PV		
Category	CATV		
Dielectric	Gas Expanded Foam PE		
Conductor	Material	Copper Clad Steel (CCS)	
	Diameter	18 AWG (1.02 mm nominal)	
Shielding	1st Shield	Aluminium tape bonded to dielectric	
	2nd Shield	Aluminium braid wire	
	Flooding Jelly	As per customer requirement (Amorphous PP)	
Jacketing	Outer Sheath Material	PVC - Black	
	Nominal Thickness	0.70 mm	
	Approximate Cable OD	6.60 mm	
	Impedance	75 ± 3 Ω	
Typical Attenuation at 20°C (dB/100m)	55 MHz	5.24	
	211 MHz	9.41	
	300 MHz	11.25	
	400 MHz	13.12	
	550 MHz	15.45	
	750 MHz	18.34	
	1000 MHz	21.45	
Physical Properties	Cable length	305 ± 0.5 m	100 ± 0.5 m
	Package dimension	381 mm (W) × 381 mm (H) × 241 mm (D)	260 mm (W) × 260 mm (H) × 108 mm (D)
	Weight	12 kg Approx	4 kg Approx
	Packing	Spool	Coil

RG-11 PVC COAXIAL CABLE (CCS)



Specification

Model	DR- RG11-CCS-PV		
Category	CATV		
Dielectric	Gas Expanded Foam PE		
Conductor	Material	Copper Clad Steel (CCS)	
	Diameter	14 AWG (1.6 mm)	
Shielding	1st Shield	Aluminium tape bonded to dielectric	
	2nd Shield	Aluminium braid wire	
	Outer Sheath Material	PVC - Black	
Jacketing	Nominal Thickness	0.70 mm	
	Approximate Cable OD	10.2 mm	
	Impedance	75 ± 3 Ω	
	Typical Attenuation at 20° C (dB/100m)	55 MHz	0.96
	187 MHz	1.75	
	500 MHz	2.90	
	700 MHz	3.65	
	865 MHz	3.98	
	1000 MHz	4.35	
Physical Properties	Cable length	305 ± 0.5 m	100 ± 0.5 m
	Package dimension	381 mm (W) × 381 mm (H) × 241 mm (D)	260 mm (W) × 260 mm (H) × 108 mm (D)
	Weight	12 kg Approx	4 kg Approx
	Packing	Spool	Coil