

# 75ohm Sweep Tested Coaxial Cables for MATV

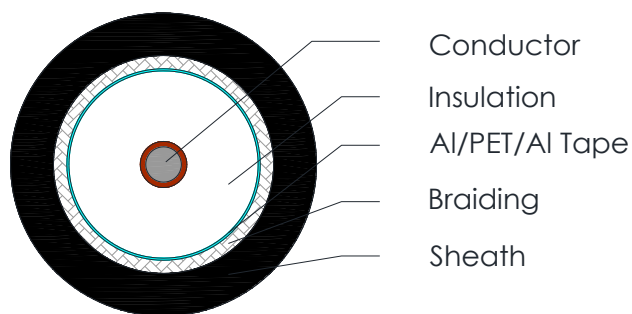


C5755, 5756

## Applications

This cable is suitable for MATV system.

## Cross Section Drawing



## Design

Unit	Properties
Conductor	Solid Copper Covered Aluminium (CCA)
Dielectric	Foamed Polyethylene
Screen	Bonded Aluminium/ Polyester foil/ Aluminium 100% coverage
Braid	Tinned Copper Wire or Al Wire
Sheath	Halogen Free Fire Retardancy (LSZH-HFFR) Standard colour: Black
Standard Put Up Length	305metres

\*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

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## C5755, 5756

### Physical Characteristics

Part Number	C5755	C5756
Nom. Diameter Conductor(mm)	2.74	
Nom. Diameter Dielectric	11.60	
Braiding wire (AWG)	34	
Coverage Braid (%)	90	
Braiding Material	Tinned Copper	Al
Nom. Overall Diameter(mm)	15.0	
Operating Temperature (°C)	-25 to +75	
Max. Recommended Pulling Tension (N)	350	
Min. Bend Radius (install)(mm)	150	

### Electrical Characteristics at 20°C

Part Number	C5755	C5756
Impedance(Ohm)	75 ± 3	
Nom. DC Resistance Inner Conductor (Ohm/km)	4.56	
Nom. DC Resistance Outer Conductor (Ohm/km)	3.90	9.10
Min. Return Loss 1 to 3000 MHz (dB)	20	

### Nominal Attenuation in dB/100m

MHz	30	50	150	220	450	800	900	1500	1800	2000	2500
Att.	1.3	1.7	3.0	3.6	5.3	7.5	7.7	10.2	11.4	12.1	13.7

### Reference Standards

(BS) EN 50290-2	(BS) EN 50117
IEC 61196	RoHS directives