

75ohm Sweep Tested Coaxial Cables for MATV

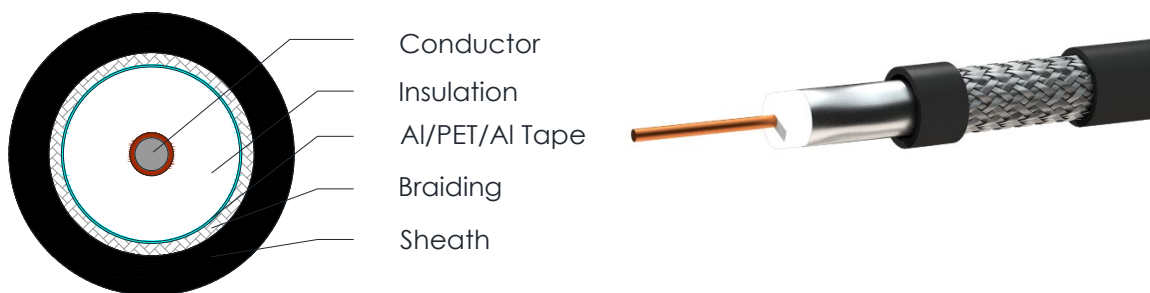


C4845

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
Sheath	Polyvinyl Chloride (PVC) 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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Physical Characteristics

Part Number	C4845
Nom. Diameter Conductor(mm)	2.74
Nom. Diameter Dielectric	11.60
Braiding wire (AWG)	34
Coverage Braid (%)	90
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	C4845
Impedance(Ohm)	75 ± 3
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.	1.32	1.64	2.95	3.60	5.25	7.95	8.50	10.17	11.48	12.14	13.78

Reference Standards

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