

Composite Cable for Shade Control PVC or HFFR Sheath

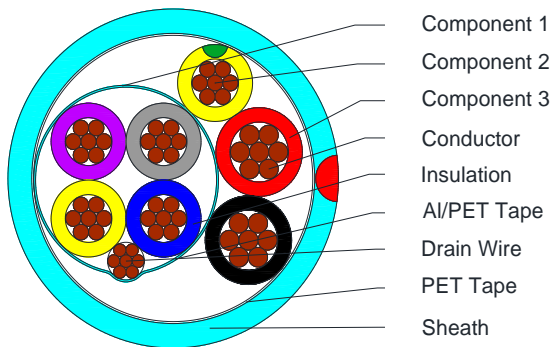


C1672, C1673

Applications

Shade control applications.

Cross Section Drawing



Design

Unit		Properties
Component 1	Conductor	Stranded annealed bare copper wires
	Insulation	PVC or HFFR Violet, Gray, Blue, Yellow
	Assembly	4 cores cabled together with a tinned copper drain wire in contact with the foil side of the shield.
Component 2	Conductor	Stranded annealed bare copper wires
	Insulation	PVC or HFFR Single core, Yellow with green stripe
Component 3	Conductor	Stranded annealed bare copper wires
	Insulation	PVC or HFFR Red, Black
Final Assembly	Wrapping Tape	Component 1, 2 and 3 Planetary cabled in a 152mm lay with fibrillated polypropylene fillers for roundness.
	Sheath	PVC or HFFR, Light Blue/Red stripe
	Standard Put Up Length	305M

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

Composite Cable for Shade Control

PVC or HFFR Sheath



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Physical Characteristics

Part Number	C1672				C1673			
Insulation and sheath material	PVC				HFFR			
Component No.	1	2	3	Overall	1	2	3	Overall
Core No.	4	1	2	-	4	1	2	-
Nom. Conductor Size (AWG)	18	18	16	-	18	18	16	-
Nom. Conductor Construction (mm)	7×0.40	7×0.40	7×0.50	-	7×0.40	7×0.40	7×0.50	-
Nom. Insulation thickness (mm)	0.38	0.38	0.38	-	0.38	0.38	0.38	-
Nom. Insulation Diameter (mm)	1.96	1.96	2.26	-	1.96	1.96	2.26	-
Screen Coverage (%)	115	-	-	-	115	-	-	-
Drain wire construction (mm)	7×0.32	-	-	-	7×0.32	-	-	-
Nom. Sheath thickness (mm)	-	-	-	0.76	-	-	-	0.76
Nom. Overall Diameter (mm)	-	-	-	8.64	-	-	-	8.64

Electrical Characteristics at 20°C

Conductor size (AWG)	DC resistance (Ω/km)	Voltage rating (V)
18	19.8	-
16	12.0	300

Reference Standards

EN 50290-2-22	IEC 60754 (only for HFFR)
EN 50290-2-27	IEC 60332-3-24
IEC 60228	RoHS directives
IEC 61034 (only for HFFR)	