

Multimedia Composite Cable PVC or HFFR Sheath

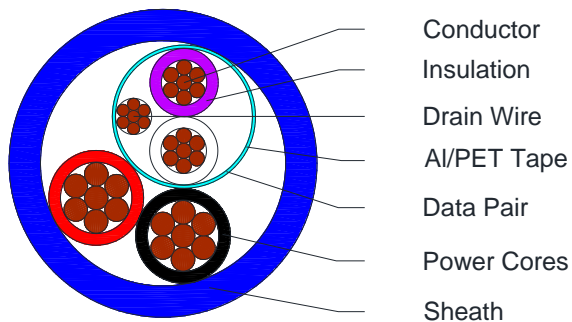


C1676, C1677

Applications

Universal composite control cable for applications such as lightning control.

Cross Section Drawing



Design

Unit		Properties
Power cores	Conductor	Tinned stranded copper wire
	Insulation	FR-PVC or HFFR Colour: Red, Black
Data Pair	Conductor	Tinned stranded copper wire
	Insulation	HDPE Colour: Purple, White
	Drain Wire	Tinned stranded copper wire
	Screen	Aluminum/Polyester tape
Sheath		PVC or HFFR, Blue
Standard Put Up Length		305 Meters

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

Multimedia Composite Cable

PVC or HFFR Sheath



C1676, C1677

Physical Characteristics

Part Number	C1676			C1677		
	PVC			HFFR		
Insulation and sheath material	PVC			HFFR		
Component No.	1	2	Overall	1	2	Overall
Core No.	2	2	-	2	2	-
Nom. Conductor Size (AWG)	18	22	-	18	22	-
Nom. Conductor Construction (mm)	7*0.39	7*0.25	-	7*0.39	7*0.25	-
Insulation material	FRPVC	HDPE	-	HFFR	HDPE	-
Screen Coverage (%)	-	115	-	-	115	-
Drain wire construction (mm)	-	7*0.20	-	-	7*0.20	-
Nom. Overall Diameter (mm)	-	-	5.3	-	-	5.3

Electrical Characteristics at 20°C

Conductor Gauge	Nom. DC Resistance Conductor (Ω /km)	Max. Capacitance core to core at 1KHz (pF/m)	Max. Capacitance core to rest at 1KHz (pF/m)
18	22.6	-	-
22	53.4	82	157

Reference Standards

EN 50290-2-23	IEC 60754 (only for HFFR)
EN 50290-2-22	IEC 61034(only for HFFR),
EN 50290-2-27	IEC 60332-3-24
IEC 60228	RoHS directives