

Power Control Cable, 3 to 8C, 16AWG, Overall Screen & LSF Sheath

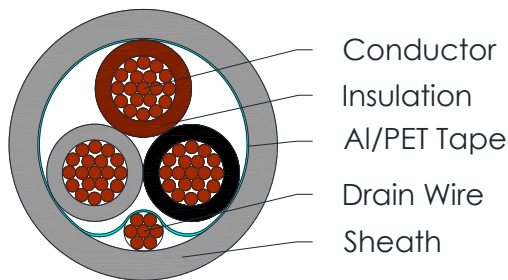


C4070, C4071, C4072, C4073

Applications

Used as interconnect cable in measuring, control and regulation applications.

Cross Section Drawing



Design

Unit	Properties
Conductor	Flexible Bare Copper wire
Insulation	Cross Linked Polyethylene (XLPE) Core 1: Brown Core 2: Black Core 3: Grey Core 4: Blue 6&up Black Cores with White Numbers
Filler (if applicable)	LSF
Screen	Aluminium/Polyester 100% Coverage
Drain wire	Tinned Copper
Sheath	LSF Standard colour: Grey
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.

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Physical Characteristics

Part Number	C4070	C4071	C4072	C4073
No of cores	3	4	6	8
Conductor construction (AWG)	16AWG (19 x 29)			
Nom. Radial Thickness Insulation(mm)	0.7			
Nom. Drain Wire Size (AWG)	24AWG (7 x 32)			
Nom. Radial Thickness Sheath(mm)	1.8			
Nom. Overall Diameter(mm)	9.7	10.5	12.1	13.1
Operating Temperature (°C)	0 to +90			
Min. Bend Radius (install)(mm)	97	105	121	131
Nominal Cable Weight (kg/km)	112	133	177	211

Electrical Characteristics at 20°C

Part Number	C4070	C4071	C4072	C4073
No of cores	3	4	6	8
Max. DC Resistance Conductor (Ω /km)	15.47			
Dielectric Strength (Vrms)	3500 for 5Min.			
Max. Operating Voltage U_0/U (Vrms)	600/1000			

Reference Standards

IEC 60502-1
IEC 60228 Class 5
(BS) EN 50290-2
IEC 60332-1
RoHS directives