

Outdoor Control Cables

1.5sqmm, In&O Screen, Armoured with LSF Sheath

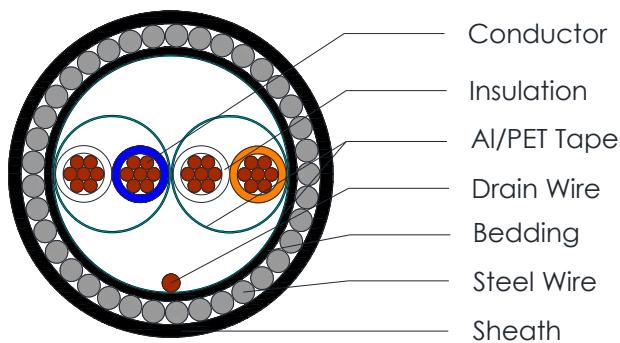


C4285, C4286

Applications

Outdoor used Control Cable.

Cross Section Drawing



Design

Unit	Properties
Conductor	Stranded Bare Copper wire
Insulation	LSF Pair 1: White and Blue Pair 2: White and Orange
Individual Screen	Aluminium/Polyester 100% Coverage
Drain wire	Tinned copper wire
Collective Screen	Aluminium/Polyester 100% Coverage
Bedding	LSF
Armouring	Galvanized Steel wire
Sheath	Flame-Retardant and UV Resistant LSF Colour: Black
Standard Put Up Length	305 metres

*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	C4285	C4286
No of Pairs x Conductor size (mm ²)	1PR x 1.50	2PR x 1.50
Nom. Diameter Conductor (mm)	7 x 0.53	7 x 0.53
Nom. Radial Thickness Insulation (mm)	0.60	0.60
Nom. Drain Wire Size (mm ²)	0.50	0.50
Nom. Diameter of Bedding (mm)	7.3	13.7
Nom. Steel Wire Diameter (mm)	0.90	1.25
Nom. Radial Thickness Sheath (mm)	1.40	1.60
Nom. Overall Diameter (mm)	11.9	19.40
Operating Temperature (°C)	-20 to +90	
Min. Bend Radius (install) (mm)	178	290
Nominal Cable Weight (kg/km)	270.4	672.4

Electrical Characteristics at 20°C

Part Number	C4285	C4286
No of Pairs x Conductor size (mm ²)	1PR x 1.50	2PR x 1.50
Max. DC Resistance Conductor (Ω/km)	12.1	12.1
Test Voltage between Core to Core (V)	1000	1000
Max. Operating Voltage U ₀ /U (Vrms)	300/500	300/500

Reference Standards

BS EN 50288-7
IEC 60332-3-24
RoHS directives