

Outdoor Control Cables

2.5sqmm, Screened, Armoured with LSF Sheath

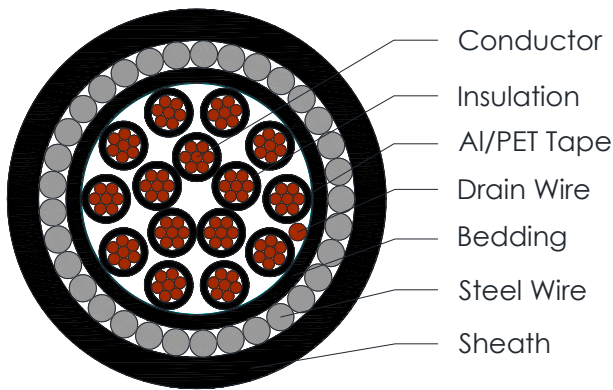


C4287, C4288, C4289

Applications

Outdoor used Control Cable.

Cross Section Drawing



Design

Unit	Properties
Conductor	Stranded Bare Copper wire
Insulation	LSF Black cores with number identified.
Screen	Aluminium/Polyester 100% Coverage
Drain wire	Tinned copper wire
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	C4287	C4288	C4289
No of Cores x Conductor size (mm ²)	2 x 2.50	6 x 2.50	15 x 2.50
Nom. Diameter Conductor (mm)	7 x 0.67	7 x 0.67	7 x 0.67
Nom. Radial Thickness Insulation (mm)	1.20	1.20	1.20
Nom. Drain Wire Size (mm ²)	0.50	0.50	0.50
Nom. Diameter of Bedding (mm)	10.7	15.5	23.5
Nom. Steel Wire Diameter (mm)	0.90	1.25	1.25
Nom. Radial Thickness Sheath (mm)	1.50	1.60	1.80
Nom. Overall Diameter (mm)	15.5	21.3	29.5
Operating Temperature (°C)	-20 to +90		
Min. Bend Radius (install) (mm)	232	320	442

Electrical Characteristics at 20°C

Part Number	C4287	C4288	C4289
No of Cores x Conductor size (mm ²)	2 x 2.50	6 x 2.50	15 x 2.50
Max. DC Resistance Conductor (Ω/km)	7.41	7.41	7.41
Test Voltage between Core to Core (V)	2500	2500	2500
Max. Operating Voltage U ₀ /U (Vrms)	600/1000	600/1000	600/1000

Reference Standards

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