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6243B

LSOH® Flat Wiring Cable with Bare CPC. BS 7211. 300/500 V



Prysmian 6243B is a flat triple core Low Smoke, Zero Halogen (LSOH®) cable designed for installation as clipped direct, on tray or in basket and also buried within plaster or embedded in walls Three cores with bare CPC

KEY APPLICATIONS

Suitable for fixed installation in dry or damp premises on walls, boards or trays, in channels or embedded in plaster particularly for situations in which low emission smoke and acid gas is required.

FEATURES AND BENEFITS

- Low Smoke, Zero Halogen (LSOH®)
- Manufactured under ISO 9001 Quality management systems

ADDITIONAL TECHNICAL SUPPORT

- FAQ's- uk.prysmiangroup.com/technical-area/faqs
- <u>Technical email</u> tech.info@prysmiangroup.com
- Live Chat uk.prysmiangroup.com/technical-area
- Technical hotline: 02380 295222

STANDARDS



BS 7211 BS EN 60332-1-2 BS EN 61034-2 BS EN 60754-1

CONSTRUCTION

Conductor material Conductor surface Core insulation material Material outer sheath Cable shape Construction Standard Flame Propagation - Single Cable Smoke emission Corrosive and acid gas

Copper Bare XLPE Low smoke zero halogen Flat

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APPLICATIONS PROPERTIES

Nominal voltage U0 [V]	300				
Nominal voltage U [V]	500				
Flame retardant	In accordance with BS EN 60332-1-2				
Halogen free	Yes				
Low smoke	Yes				
Max. conductor temperature [°C]	90				
Min. Operation temperature [°C]	-25				
UV resistant	Yes				
Min. Installation temperature [°C]	0				
Max. Installation temperature [°C]	80				
Bending radius (rule)	4D (Minor axis)				

COLOURS

Insulation: Brown, Black, Grey Sheath: White

CURRENT RATINGS

Refer to table 4E2 of BS 7671 Requirements for Electrical Installations. IET Wiring Regulations

Note: Where a conductor operates at a temperature exceeding 70°C it shall be ascertained that the equipment connected to the conductor is suitable for the conductor operating temperature

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TECHNICAL DATA

Number of cores	Nominal cross section conductor [mm²]	Conductor category	Nominal cross section of protective conductor [mm ²]	Cable height approx. [mm]		Cable weight [kg/km]	Conductor resistance at 20° C [Ohm/km]	Embodied Carbon [CO2e kg/km]
3	1.5	Class 1 = solid	1	4.7	11.4	99	12.1	457

*The embodied carbon figure is taken from a single product in the range, for more information on how we calculate our embodied carbon figure visit here: https://uk.prysmiangroup.com/embodied-carbon