

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 \circledR) 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

- FAO's- uk.prysmian.com/technical-area/fags
- Technical email tech.info@prysmian.com
- Live Chat uk.prysmian.com/technical-area
- Technical hotline: 02380 295222

STANDARDS



BS 7211 BS EN 60332-1-2 BS EN 61034-2 BS EN 60754-1 Construction Standard Flame Propagation - Single Cable Smoke emission Corrosive and acid gas

CONSTRUCTION

Conductor material Conductor surface Core insulation material Material outer sheath Cable shape Copper
Bare
XLPE
Low smoke zero halogen

Flat

GB00_6243B_20251105

Р1



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

Bending radius (rule) 4D (Minor axis)

COLOURS

Insulation: Brown, Black, Grey

Max. Installation temperature [°C]

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

80

SUSTAINABILITY COMMITMENT

At Prysmian, sustainability is at the heart of our mission. By using sustainable processes and materials we are at the forefront of green innovation, promoting resource efficiency in our operations. We also partner with other sustainable companies to advocate responsible practices across our supply chain to reflect our commitment to a greener future. Discover how we are driving the future of sustainable cable and system solutions: <u>Sustainability in the UK | Prysmian</u>.











Scan to find out more

Copyright Prysmian, all rights reserved. You may not copy, reprint, or reproduce in any form the content, either wholly or in part, of this document without written consent of Prysmian. All sizes and values without tolerances are reference values. Specifications are for product as supplied by Prysmian. Any modification or alteration of products may cause different results. Prysmian reserves the right to amend the information within this document at any time without notice. For the most up to date information, please contact us. You agree that, in placing any order, you have not relied on the information set out in this document. Prysmian disclaims any and all liability for any errors, inaccuracies or incompleteness contained in any datasheet or in any other disclosure relating to any product to the maximum extent permissible by law.



TECHNICAL DATA

Number of cores	Nominal cross section conductor [mm²]	Conductor category	Nominal cross section of protective conductor [mm²]	Cable height approx. [mm]	Cable width 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	228

^{*}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