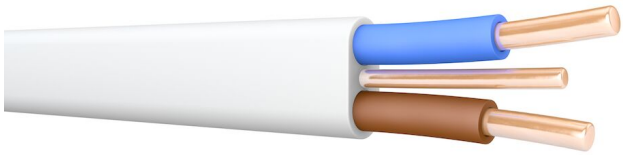
6242B

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



Prysmian 6242B is a flat twin 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

Two 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.prysmian.com/technical-area/faqs
- Technical email - tech.info@prysmian.com
- Live Chat - uk.prysmian.com/technical-area
- Technical hotline: 02380 295222

STANDARDS

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

CONSTRUCTION

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

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, Blue

Alternatively, Brown, Brown (for 2x1.0 and 2x1.5 only)

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

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: Sustainability in the UK | Prysmian.

Scan to find out more

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]
2	1.5	Class 1 = solid	1	4.7	8.6	73	12.1	171
2	2.5	Class 1 = solid	1.5	5.3	9.9	110	7.41	241
2	4	Class 2 = stranded	1.5	6.1	11.4	145	4.61	366
2	6	Class 2 = stranded	2.5	6.8	13.1	205	3.08	513
2	10	Class 2 = stranded	4	8.4	16.8	310	1.83	830
2	16	Class 2 = stranded	6	9.6	19.5	465	1.15	1,194

*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