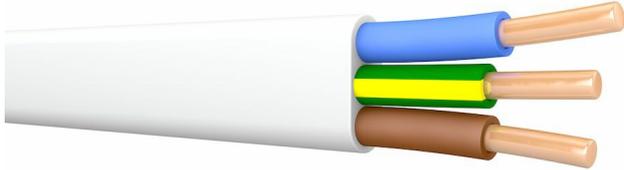


PRYS201B

LSOH® Flat Wiring Cable with Insulated CPC. IS 201-4. 300/500 V



≡ PRYS201B

Prysmian PRYS201B is a 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. PRYS201B meets clause 527.0 within the I.S. 10101 standard, that for all buildings, cables shall as a minimum meet the requirements of Class Dca-s2,d2,a1 or higher in accordance with I.S. EN 50575.

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

STANDARDS



IS 201-4

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

Copper

Conductor surface

Bare

Core insulation material

XLPE

Material outer sheath

Low smoke zero halogen

Cable shape

Flat

APPLICATIONS PROPERTIES

Nominal voltage U ₀ [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:

Single Core: Brown, Green/Yellow; Or, Blue, Green/Yellow;

Two Cores: Brown, Blue, Green/Yellow; Or, Brown, Brown, Green/Yellow;

Sheath:

White

CURRENT RATINGS

Refer to IS 10101 National Rules for Electrical Installations. NSAI Standards

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

CONTACT INFORMATION

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TECHNICAL DATA

Number of cores	Nominal cross section conductor [mm ²]	Conductor category	Nominal cross section of protective conductor [mm ²]	Cable height approx. [mm]	Cable width approx. [mm]	Cable weight [kg/km]	Conductor resistance at 20° C [Ohm/km]
1	1.5	Class 1 = solid	1.5	4.6	7.4	60	12.1
2	1.5	Class 1 = solid	1.5	4.6	10.2	87	12.1
2	2.5	Class 1 = solid	2.5	5.4	12.2	135	7.41
2	4	Class 2 = stranded	4	6.2	14.4	188	4.61
2	6	Class 2 = stranded	6	7	16.4	258	3.08
2	10	Class 2 = stranded	10	8.3	20	406	1.83
2	16	Class 2 = stranded	16	9.6	24	600	1.15