

6181Y 19 Strand

PVC Insulated and Sheathed Single Core Cable. BS 6004. 300/500 V



Prysmian 6181Y (19 strand) is a low voltage single core, PVC insulated copper conductor with an additional PVC oversheath insulation for physical protection

KEY APPLICATIONS

Fixed installation in dry or damp premises on walls, boards or trays, in channels or embedded in plaster

FEATURES AND BENEFITS

- 19 strand design offers greater pliability
- Improves reliability and safety in screwed connections
- Comparable weight and dimensions as 7 wire strand
- Easier installation, saves time
- 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 6004 BS EN 60332-1-2

CONSTRUCTION

Conductor material Conductor surface Core insulation material Material outer sheath Cable shape Construction Standard Flame Propagation - Single Cable

Copper Bare Polyvinyl chloride (PVC) Polyvinyl chloride (PVC) Round



APPLICATIONS PROPERTIES

COLOURS

Insulation: Brown or Blue Sheath: Brown or Blue

CURRENT RATINGS

Refer to table 4D1 of BS 7671 Requirements for Electrical Installations. IET Wiring Regulations

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TECHNICAL DATA

Nominal cross section conductor [mm ²]	Conductor category	Nominal thickness insulation [mm]	Nominal outer diameter [mm]	Cable weight [kg/km]	Conductor resistance at 20° C [Ohm/km]	Embodied Carbon [CO2e kg/km]
25	Class 2 = stranded	1.2	10.6	310	0.727	2,004

*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:<u>https://uk.prysmiangroup.com/embodied-carbon</u>