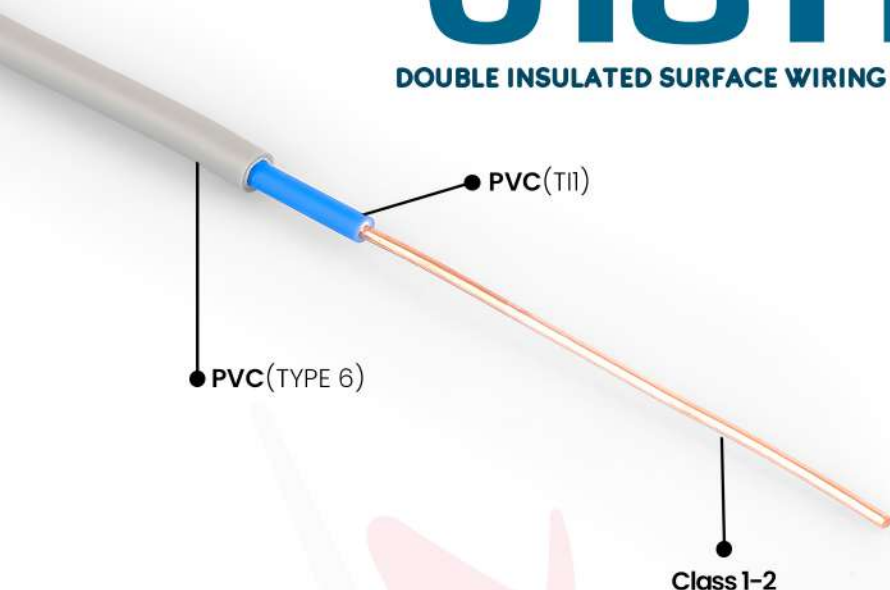


6181Y

DOUBLE INSULATED SURFACE WIRING CABLES.



TYPE: 6181Y

STANDARDS: BS 6004:2012+A1:2020

TECHNICAL DATA:

Max. Operating Temperature: +70°C

Rated Voltage: 450 / 750 V

Declared Performance:

Eca (EN 50575:2014/A1:2016)

Flame Retardant According to IEC/EN 60332-1-2

CONSTRUCTION:

CONDUCTOR

BS EN 60228 Class 1-2

INSULATION

PVC (TII)

SHEATH

PVC (TYPE 6)

APPROVALS:



6181Y

SIZE (mm ²)	MEAN OVERALL DIAMETER (mm)	CURRENT CARRYING CAPACITY (A)	CONDUCTOR RESISTANCE (Ohm/km)	APPROXIMATE WEIGHT (kg/km)
6181Y				
1 x 1	4	13	18.1	26.6
1 x 1.5	4.5	19	12.1	33
1 x 2.5	5.1	24	7.41	48.4
1 x 4	6	32	4.61	72.1
1 x 6	6.8	41	3.08	94.6
1 x 10	8.1	57	1.83	108.8
1 x 16	9.1	76	1.15	210.5
1 x 25	11.1	101	0.727	329
1 x 35	12.1	121	0.524	411.4
1 x 50	13.8	151	0.387	557
1 x 70	15.6	192	0.268	760
1 x 95	18.2	235	0.193	1055
1 x 120	19.9	271	0.153	1310
1 x 150	21.7	300	0.124	1617
1 x 185	23.8	345	0.0991	1963
1 x 240	27.8	394	0.0754	2594

APPLICATION

It is used as an installation cable in panels, under or on plaster, in pipes.



REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.



CORE IDENTIFICATION

Cores: Blue or Brown.
Sheath Color: Grey, Brown or Blue