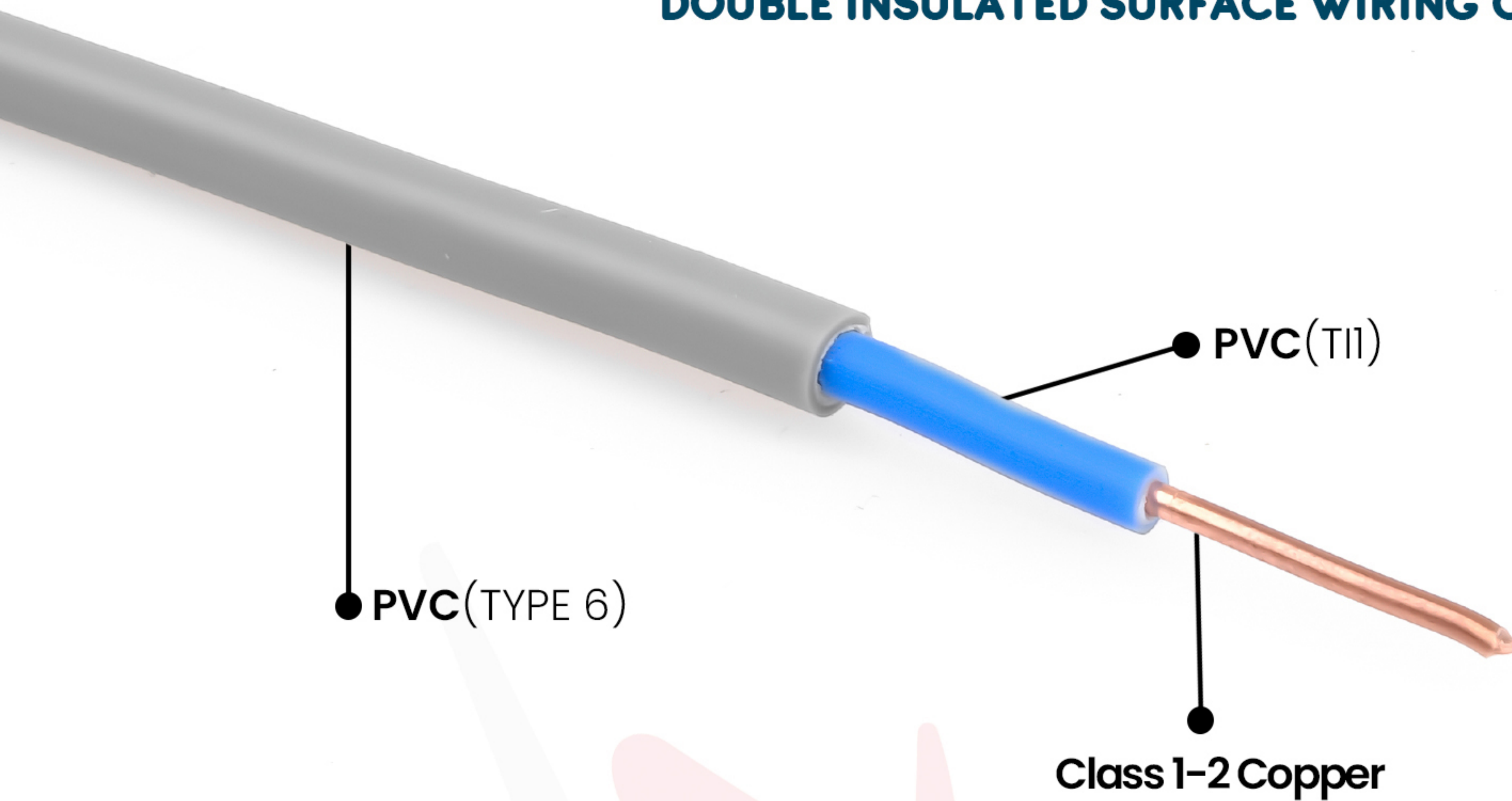


6181Y

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:

UK
CA CE



6181Y

SIZE (mm ²)	MEAN OVERALL DIAMETER (mm)	CURRENT CARRYING CAPACITY (A)	CONDUCTOR RESISTANCE (Ohm/km)	APPROXIMATE WEIGHT (kg/km)
6181Y				
1x1	4	13	18.1	26.6
1x1.5	4.5	19	12.1	33
1x2.5	5.1	24	7.41	48.4
1x4	6	32	4.61	72.1
1x6	6.8	41	3.08	94.6
1x10	8.1	57	1.83	108.8
1x16	9.1	76	1.15	210.5
1x25	11.1	101	0.727	329
1x35	12.1	121	0.524	411.4
1x50	13.8	151	0.387	557
1x70	15.6	192	0.268	760
1x95	18.2	235	0.193	1055
1x120	19.9	271	0.153	1310
1x150	21.7	300	0.124	1617
1x185	23.8	345	0.0991	1963
1x240	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