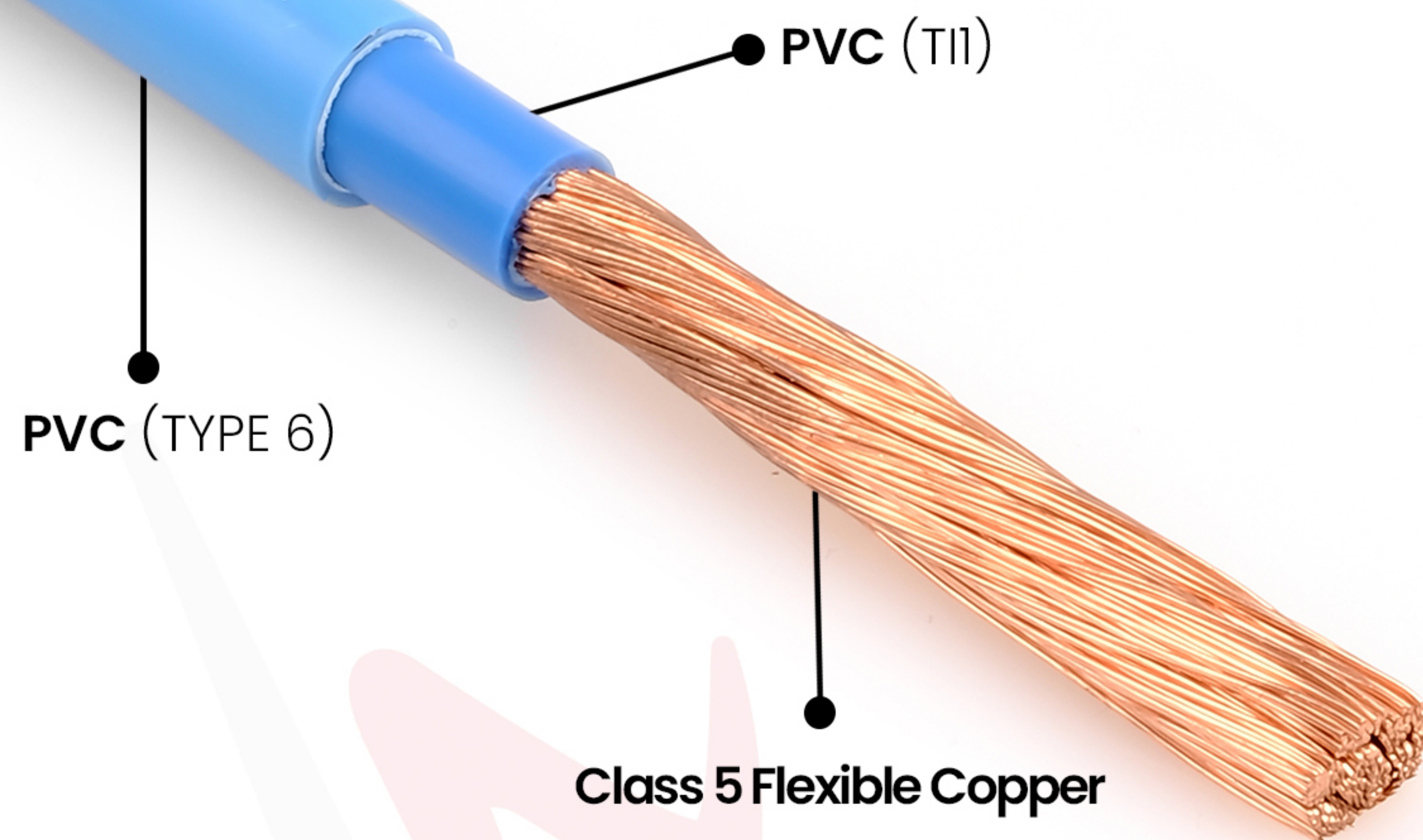


6381Y

DOUBLE INSULATED FLEXIBLE PVC CABLES



TYPE: 6381Y

STANDARDS:

BS 6004:2012+A1:2020 / IEC 60502-1:2021

TECHNICAL DATA:

Max. Operating Temperature: -5 °C to +70 °C

Rated Voltage:

450/750 V : 1.5 mm² to 35 mm²

600/1000 V : 50 mm² to 240 mm²

Declared Performance:

Eca (EN 50575:2014/A1:2016)

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

CONSTRUCTION:

CONDUCTOR

BS EN 60228 Class 5 Flexible Copper

INSULATION

PVC (TII)

SHEATH

PVC (TYPE 6)

UK
CA CE



6381Y

SIZE (mm ²)	MEAN OVERALL DIAMETER (mm)	CURRENT CARRYING CAPACITY (A)	CONDUCTOR RESISTANCE (Ohm/km)	APPROXIMATE WEIGHT (kg/km)
6381Y				
1x1.5	4.7	17,5	13.3	33
1x2.5	5.2	24	7.98	48
1x4	6.2	32	4.95	75
1x6	6.9	41	3.3	100
1x10	8.2	57	1.91	145
1x16	9.2	76	1.21	212
1x25	11.2	101	0.78	305
1x35	12.3	125	0.544	393
1x50	14.5	151	0.386	575
1x70	16.8	192	0.272	830
1x95	19.0	232	0.206	1063
1x120	22.0	269	0.161	1889
1x150	23.5	300	0.129	1562
1x185	25.2	345	0.106	1883
1x240	27.7	410	0.0801	2449

APPLICATION

It is suitable for DC power supplies in telecommunications equipment. It is suitable for use in power applications where flexibility is required.



REGULATORY COMPLIANCE

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



CORE IDENTIFICATION

Core Color: Grey, Brown, Blue or Any Color

Sheath Color: Grey, Brown, Blue or Any Color