



PVC Insulated Twin Flexible Cables

▶ APPLICATION

These cables are intended for fixed protected installation inside appliances and in or on lighting fittings, door bells, speaker etc.

▶ CONSTRUCTION

Reference : IEC60227/BSEN:50525-2-11

Conductor : Flexible plain copper class 5 to BS6360/IEC60228/BSEN60228

Insulation : PVC Type T1 2 to BSEN:50363-3

▶ STANDARD COLOURS

Available in White, Red-Black or transparent PVC. Other colours available on request

▶ PACKAGING

All sizes can be supplied in reels/coils of 100yards/100m/500m/1000m

▶ TECHNICAL DATA

Max. Operating Temperature : 70°C

Rated Voltage : 300V

Standards : IEC60227/BSEN:50525-2-11



Conductor		Max. Resistance at 20°C	Radial Thickness of Insulator	Max. Overall Diameter	Approx. Nett Weight	Product Code
Nominal Cross-Sectional Area	Maximum Diameter of Wire					
(mm ²)	(mm)	(Ω/km)	(mm)	(mm)	(kg/km)	
2 x 0.5	0.20	39.00	0.8	3.0 x 6.0	22	TW2C0.5
2 x 0.75	0.20	26.00	0.8	3.2 x 6.4	28	TW2C0.75



Flat Wiring Cables PVC Insulated & Sheathed

▶ APPLICATION

For domestic and industrial wiring. Suitable for surface wiring where there is little risk of mechanical damage.

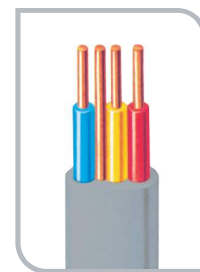
▶ CONSTRUCTION

Reference : BS-6004

Conductor : Solid or stranded plain copper class 1 or 2 to BS6360/IEC60228/BSEN60228

Insulation : PVC Type T1 1 to BSEN:50363-3

Sheath : PVC Type 6





► **COLOUR CODING**

Cores : 2-core- Red, Black
3-core- Red, Yellow, White

As per New Harmonised code

2-core- Brown, Blue
3-core- Brown, Black, Grey

Sheath : White, Grey
Other colours available on request

► **PACKAGING**

All sizes can be supplied in reels/coils of 100yards/100m/500m/1000m

► **TECHNICAL DATA**

Max. Operating Temperature : 70°C
Rated Voltage : 300/500V
Standards : BS6004

Reference Number	Conductor			Radial Thickness of Insulation (mm)	Radial Thickness of Sheath (mm)	Approx. Overall Diameter (mm)	Approx. Nett Weight (kg/km)	Earth Continuity Conductor Cross section (mm ²)	Product Code
	Nominal Cross-Sectional Area (mm ²)	Number of Strands	Diameter of Strand (mm)						
6192Y	1.0	1	1.13	0.6	0.9	4.7x7.4	53		FLTO2C1.0
TWIN	1.5	1	1.38	0.7	0.9	5.4x8.4	70		FLTO2C1.5
FLAT	2.5	1	1.78	0.8	1.0	6.2x9.8	105		FLTO2C2.5
	4.0	7	0.85	0.8	1.0	7.2x11.5	150		FLT2C4.0
	6.0	7	1.04	0.8	1.1	8.0x13.0	205		FLT2C6.0
	10.0	7	1.35	1.0	1.2	9.6x16.0	320		FLT2C10.0
	16.0	7	1.70	1.0	1.3	11.0x18.5	470		FLT2C16.0
6193Y	1.0	1	1.13	0.6	0.9	4.7x9.8	76		FLTO3C1.0
THREE	1.5	1	1.38	0.7	0.9	5.4x11.5	100		FLTO3C1.5
CORE	2.5	1	1.78	0.8	1.0	6.2x13.5	150		FLTO3C2.5
FLAT	4.0	7	0.85	0.8	1.0	7.2x16.5	225		FLT3C4.0
	6.0	7	1.04	0.8	1.1	8.0x18.0	300		FLT3C6.0
	10.0	7	1.35	1.0	1.2	9.6x22.5	480		FLT3C10.0
	16.0	7	1.70	1.0	1.3	11.0x26.5	695		FLT3C16.0
6242Y	1.0	1	1.13	0.6	0.9	4.7x8.6	68	1.0	FLTO2CE1.0
TWIN	1.5	1	1.38	0.7	0.9	5.4x9.6	85	1.0	FLTO2CE1.5
FLAT	2.5	1	1.78	0.8	1.0	6.2x11.5	120	1.5	FLTO2CE2.5
WITH	4.0	7	0.85	0.8	1.0	7.2x13.0	175	1.5	FLT2CE4.0
EARTH	6.0	7	1.04	0.8	1.1	8.0x15.0	240	2.5	FLT2CE6.0
	10.0	7	1.35	1.0	1.2	9.6x19.0	390	4.0	FLT2CE10.0
	16.0	7	1.70	1.0	1.3	11.0x22.5	560	6.0	FLT2CE16.0
6243Y	1.0	1	1.13	0.6	0.9	4.7x11.0	91	1.0	FLTO3CE1.0
THREE	1.5	1	1.38	0.7	0.9	5.4x12.5	115	1.0	FLTO3CE1.5
CORE	2.5	1	1.78	0.8	1.0	6.2x14.5	170	1.5	FLTO3CE2.5
FLAT	4.0	7	0.85	0.8	1.0	7.2x18.0	250	1.5	FLT3CE4.0
WITH	6.0	7	1.04	0.8	1.1	8.0x20.0	340	2.5	FLT3CE6.0
EARTH	10.0	7	1.35	1.0	1.2	9.6x25.5	540	4.0	FLT3CE10.0
	16.0	7	1.70	1.0	1.3	11.0x29.5	790	6.0	FLT3CE16.0