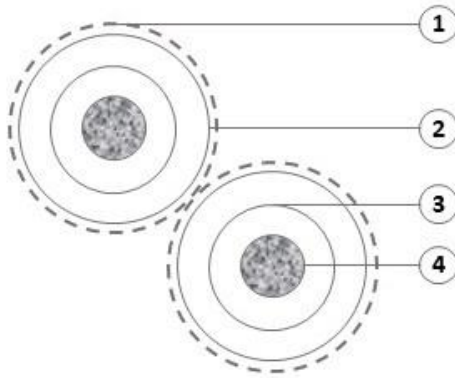


Braided Double Insulated PVC/PVC Twin Twisted Flex Product Range: *BTWP*



SCHEMATIC DRAWING

3 core construction



CABLE CONSTRUCTION

1. Viscose Rayon braid
2. T13 type PVC outer insulation
3. T12 type PVC inner insulation
4. Electrolytic tinned flexible copper conductor

APPLICATIONS

This product is designed for use as a pendant drop or table and floor lamps. Approval for rise and fall applications should be confirmed with ourselves prior to adoption.

Characteristics	
Rated Voltage:	300 V _{ac}
Test Voltage:	2500 V _{ac}
Temperature Range:	-20 °C ÷ 90 °C
Short-circuit Temperature:	160 °C
Minimum Bending Radius:	10 x Overall Diameter

Revision Date:
30/06/2017

Issue No.
1.0

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Size Conductor [mm ²]	Conductor Stranding [N° x mm]	Electrical Resistance [Ω/Km]	Diameter on Insulation		Radial Thickness of Insulation	
			1 st Insulation	2 nd Insulation	1 st Insulation	2 nd Insulation
			[mm]		[mm]	
0.50	19 x 0.183	≤ 39.0	1.4 ± 0.1	1.9 ± 0.1	≥ 0.25	≥ 0.25
0.75	19 x 0.224	≤ 26.7	1.7 ± 0.1	2.2 ± 0.1	≥ 0.30	≥ 0.25

Flexform Product Code	Size Conductor [mm ²]	Outer Diameter [mm]
BTWP-253	2 x 0.50	4.3 ± 0.2
BTWP-353	2 x 0.75	5.0 ± 0.2

All versions of this cable can be ordered with a plain or patterned viscose rayon textile braid, available in over 60 colours. Please contact us for a list of available colours.

Cable Standards

Low Voltage European Directive No. 2014/35/UE.

Stranding of Conductor

Class 5 electrolytic tinned flexible copper conductor, conforming to IEC 60228 requirements.

Inner Insulation

T12 type PVC conforming to EN 50363-3 requirements, hardness: (92 ± 2) Sh-A.

Outer Insulation

Transparent T13 type PVC conforming to EN 50363-3 requirements, hardness: (87 ± 2) Sh-A. The outer covering will not be separable from the inner insulation.

Cable Assembly

The cores are braided in viscose rayon before being twisted together.

Core Identification

2 Core: Brown ● Blue ●

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