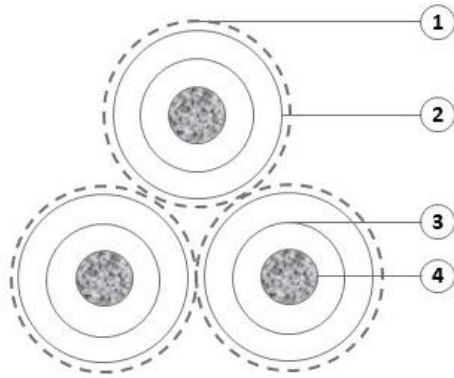


Braided Double Insulated FEP/PVC Triple Twisted Flex Product Range: *BTPF*



SCHEMATIC DRAWING

3 core construction



CABLE CONSTRUCTION

1. Viscose Rayon braid
2. 105 °C transparent PVC outer insulation
3. R5F type FEP inner insulation
4. Electrolytic tinned flexible concentric rope 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

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Voltage Rating (U₀/U):	300 / 500 V _{ac}
Test Voltage:	2500 V
Temperature Range:	-55 °C ÷ 180 °C (inner insulation only) -20 °C ÷ 105 °C (at outer insulation)
Short-circuit Temperature:	160 °C
Minimum Bending Radius:	14 x Overall Diameter

Revision Date:
30/06/2017

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Size Conductor [mm ²]	Conductor Stranding [N ^o x mm]	Electrical Resistance [Ω/Km]
0.50	19 x 0.183	≤ 39.0
0.75	19 x 0.224	≤ 26.7

Flexform Product Code	Size Conductor [mm ²]	Outer Diameter [mm]	Thickness of Jacket [mm]
BTPF-303	3 x 0.50	5.4 ± 0.2	≥ 0.60
BTPF-403	3 x 0.75	5.6 ± 0.2	≥ 0.60

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	Electrolytic tinned flexible concentric rope copper conductor.
Inner Insulation	R5F type FEP conforming to EN-50363-0 requirements.
Outer Insulation	Transparent 105 °C PVC, hardness: [87 ± 2] Sh-A.
Cable Assembly	The cores are braided in viscose rayon before being twisted together.
Core Identification	3 Core: Brown ● Blue ● Green/Yellow ●

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