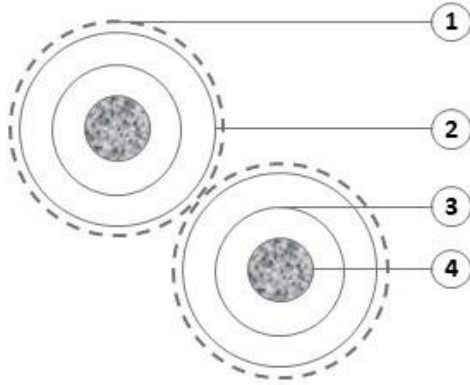


## Braided Double Insulated PVC/FEP Twin Twisted Flex Product Range: *BTWF*



### SCHEMATIC DRAWING

2 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 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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<b>Rated Voltage:</b>	300/500 V <sub>ac</sub>
<b>Test Voltage:</b>	2500 V <sub>ac</sub>
<b>Temperature Range:</b>	-55 °C ÷ 180 °C (only on inner insulation) -20 °C ÷ 105 °C (at outer insulation)
<b>Short-circuit Temperature:</b>	160 °C
<b>Minimum Bending Radius:</b>	14 x Overall Diameter

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Size Conductor [mm <sup>2</sup> ]	Conductor Stranding [N° x mm]	Electrical Resistance [Ω/Km]	Diameter on Insulation		Radial Thickness of Insulation	
			1 <sup>st</sup> Insulation	2 <sup>nd</sup> Insulation	1 <sup>st</sup> Insulation	2 <sup>nd</sup> Insulation
0.75	19 x 0.224	≤ 26.7	1.55 ± 0.05	2.5 ± 0.1	≥ 0.20	≥ 0.50

Flexform Product Code	Size Conductor [mm <sup>2</sup> ]	Outer Diameter [mm]
BTWF-353	2 x 0.75	5.6 ± 0.5

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.

<b>Cable Standards</b>	Low Voltage European Directive No. 2014/35/UE.
<b>Stranding of Conductor</b>	Electrolytic tinned flexible concentric rope copper conductor.
<b>Inner Insulation</b>	R5F type FEP conforming to EN 50363-0 requirements.
<b>Outer Insulation</b>	105 °C rated PVC, hardness: [87 ± 2] Sh-A.
<b>Cable Assembly</b>	The cores are braided in viscose rayon before being twisted together.
<b>Core Identification</b>	<b>2 Core:</b> Brown ● Blue ●

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