



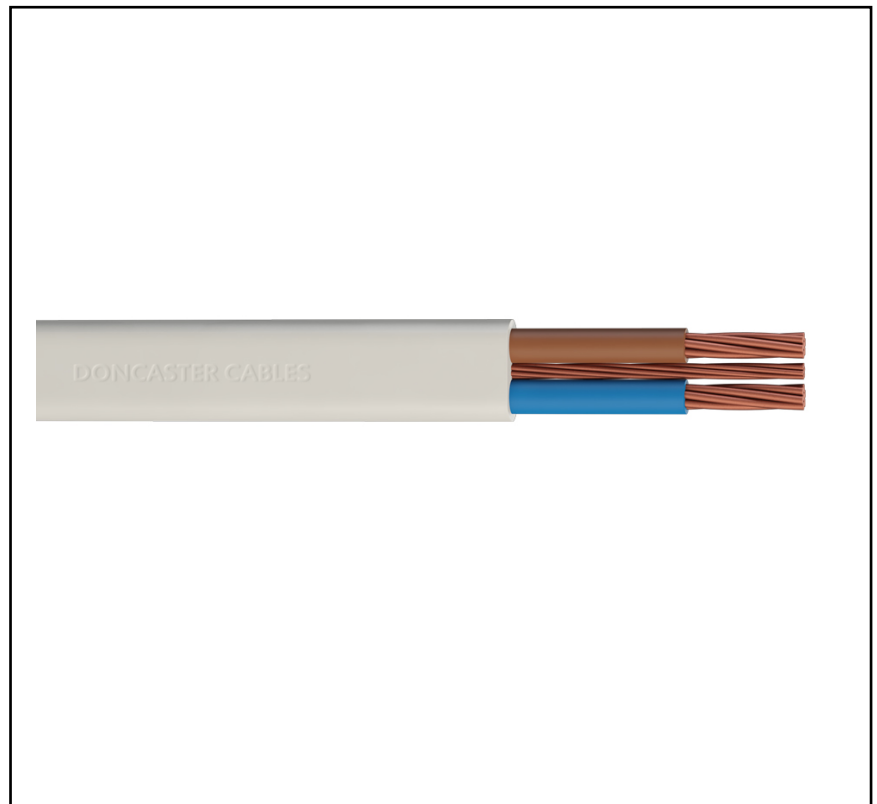
## FEATURES

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# PRO Twin & Earth Cable

Twin & Earth Cables 624\*B

2398436



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

### Product Description

- *To be used in installations where smoke and acid gas emission would*
- *Designed for use in light industrial and domestic*
- *These cables are intended for fixed installation in dry or damp premises*
- *These cables can be installed in conduit, in cable trunking and in cable ducting or where there is deemed little risk of mechanical damage these cables can be clipped direct, on cable tray, embedded or in free air*

### General Specifications

<b>Type</b>	624*B
<b>Cable Shape</b>	Flat
<b>Sheath Material</b>	Thermoplastic LSNH
<b>Sheath Colour</b>	White
<b>Filler</b>	Thermosetting XLPE
<b>Core Colour</b>	Blue; Brown or Brown; Black; Grey
<b>Screened/Unscreened</b>	Unscreened
<b>Cable End Type</b>	Bare
<b>Fire Behaviour</b>	LSNH
<b>Applications</b>	Light industrial and domestic wiring

### Electrical Specifications

<b>Current Rating</b>	For current ratings refer to table 4E2 of BS7671 IEE Wiring Regulations
<b>Voltage Rating</b>	300/500V
<b>Insulation Material</b>	XLPE
<b>Conductor Material</b>	Plain Annealed Copper

### Mechanical Specifications

<b>Length</b>	50m; 100m
<b>Cross Sectional Area</b>	1.0; 16.0mm <sup>2</sup>
<b>Number of Strands</b>	1
<b>Conductor Strand Type</b>	1mm <sup>2</sup> to 2.5mm <sup>2</sup> : Class 1 solid conductor 4mm <sup>2</sup> to 10mm <sup>2</sup> : Class 2 stranded conductor

### Operation Environment Specifications

<b>Operating Temperature Range</b>	-15°C to 90°C
<b>Minimum Operating Temperature</b>	-15°C
<b>Maximum Operating Temperature</b>	90°C

### Approvals

<b>Compliance/Certifications</b>	CE / CSA / UL94-V0
<b>Standards Met</b>	BS 7211 Table 5

	No. & Nom. CSA of Conductors (mm <sup>2</sup> )	Nom. Stranding of Conductor (mm)	Nom. Stranding of CPC (mm)	Nom. Radial Thickness of Insulation (mm)	Nom. Radial Thickness of Sheath (mm)	Overall Diameter Lower Limit (mm)	Overall Diameter Upper Limit (mm)
2398431	2 x 1.0	1 / 1.13	(1.0mm <sup>2</sup> )	0.7	0.9	4.1 x 7.6	5.3 x 9.1
2398432	2 x 1.5	1 / 1.38	1 / 1.13	0.7	0.9	4.4 x 8.1	5.3 x 9.7
2398433	2 x 2.5	1 / 1.78	(1.0mm <sup>2</sup> )	0.7	1.0	4.9 x 9.3	6.0 x 11.2
2398434	2 x 4.0	7 / 0.85	1 / 1.13	0.7	1.0	5.5 x 10.4	6.7 x 12.6
2398435	2 x 6.0	7 / 1.04	(1.0mm <sup>2</sup> )	0.7	1.1	6.2 x 12.0	7.5 x 14.6
2398436	2 x 10.0	7 / 1.35	1 / 1.38	0.7	1.2	7.3 x 14.5	8.8 x 17.6
2398437	2 x 16.0	7 / 1.70	(1.5mm <sup>2</sup> )	0.7	1.3	8.4 x 17.0	10.1 x 20.5
2398439	3 x 1.5	1 / 1.38	(1.5mm <sup>2</sup> )	0.7	0.9	4.4 x 10.7	5.3 x 12.9