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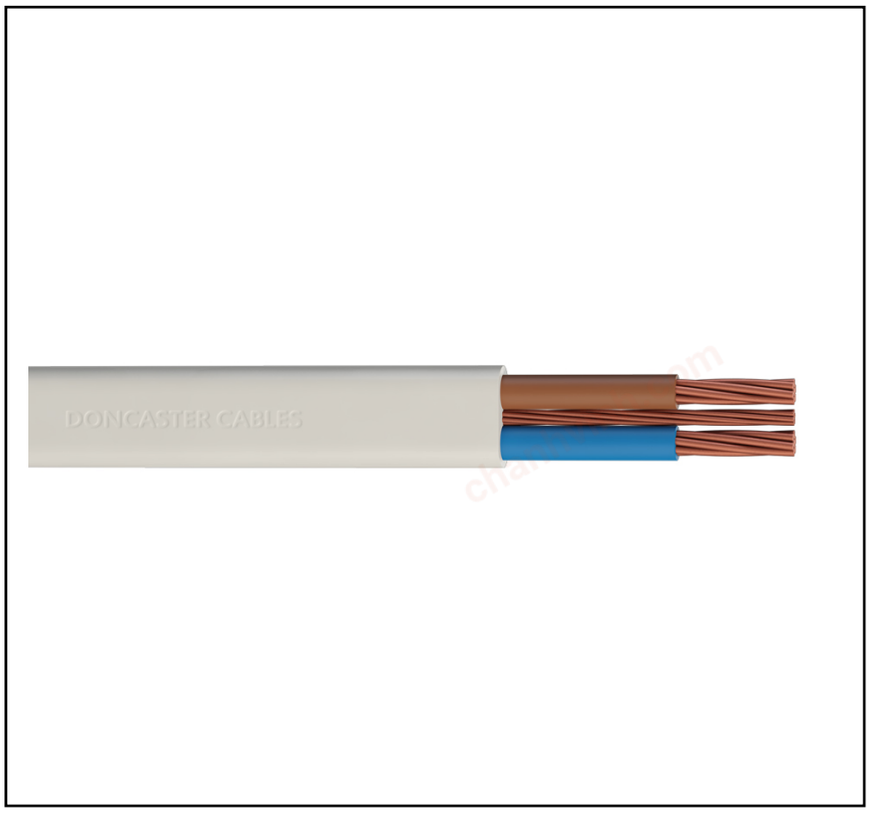
FEATURES

- High-performance multicore
- Unscreened making them highly cost effective and efficient
- Type: 6242B or 6243B
- Cable Shape: Flat
- Sheath Material: Thermoplastic
- Sheath Colour: White
- Core Colour: Blue and Brown
- Conductor Material: Plain annealed copper
- Cable End: Bare
- Fire Behaviour: LSZH

PRO Twin & Earth Cable

Twin & Earth Cables 624*B

2398433



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

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

Electrical Specifications

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

Mechanical Specifications

Length	50m; 100m
Cross Sectional Area	1.0; 16.0mm2
Number of Strands	1
Conductor Strand Type	1mm2 to 2.5mm2: Class 1 solid conductor 4mm2 to 10mm2: Class 2 stranded conductor

Operation Environment Specifications

Operating Temperature Range	-15°C to 90°C
Minimum Operating Temperature	-15°C
Maximum Operating Temperature	90°C

Approvals

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

	No. & Nom. CSA of Conductors (mm^2)	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^2)	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^2)	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^2)	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^2)	0.7	1.3	8.4 x 17.0	10.1 x 20.5
2398439	3 x 1.5	1 / 1.38	(1.5mm^2)	0.7	0.9	4.4 x 10.7	5.3 x 12.9