

TPS Three Core +E (Blue)

CU TPS 3X 4+2.5E BU 1HM

Contact

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Stranded plain annealed copper, 450/750 V PVC insulated, PVC Flat Sheathed to AS/NZS 5000.2

DESCRIPTION

TPS Blue is a durable and robust cable specifically designed for air conditioning. What's new? This product is an extension of our current TPS cable, with the added benefit of a blue coloured sheath for easy identification during installation.



STANDARDS

National AS/NZS 5000.2



Conductor flexibility
Class 2



Rated Voltage Uo/U (Um)
450 / 750 V



Max. conductor temp. in service
90 °C

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Generated 16/12/21 www.nexans.co.nz Page 1 / 2

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CHARACTERISTICS

Construction characteristics

With Green/Yellow core	Yes
Sheath colour	Blue
Conductor flexibility	Class 2
Conductor material	Copper
Conductor shape	Circular
Core identification	Red, White, Blue, Green/Yellow
Insulation	V-90
Outer sheath	PVC
Type of conductor	Class 2

Dimensional characteristics

Number of cores	3
Conductor cross-section	4 mm ²
Earth conductor cross section	2.5 mm ²
Nominal overall diameter	6.28 x 17.8
Approximate weight	0.26 kg/m
Cable length	100 m
Nominal insulation thickness	0.8 mm
Nominal outer sheath thickness	1.1 mm

Electrical characteristics

Rated Voltage U ₀ /U (Um)	450 / 750 V
Conductor AC resistance at 50 Hz	- Ohm/km
Inductive reactance at 50Hz	- Ohm/km
Max. DC resistance of the conductor at 20°C	4.61 Ohm/km

Usage characteristics

Max. conductor temperature in service	90 °C
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