

# TPS Three Core +E (Blue)

Cu

**Nexans Ref.:** ENZP02A1003BFRJ

**Country Ref.:** 1719.1

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



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



Max. conductor temp. in service  
90 °C

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## CHARACTERISTICS

### Construction characteristics

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

### Dimensional characteristics

Number of cores	3
Conductor cross-section	1 mm <sup>2</sup>
Earth conductor cross section	1 mm <sup>2</sup>
Nominal overall diameter	4.25 x 11.7
Approximate weight	0.09 kg/m
Cable length	100 m
Nominal insulation thickness	0.6 mm
Nominal outer sheath thickness	0.9 mm

### Electrical characteristics

Rated Voltage U <sub>0</sub> /U (U <sub>m</sub> )	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	18.1 Ohm/km

### Usage characteristics

Max. conductor temperature in service	90 °C
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