

# TPS Three Core +E (Blue)

CU TPS 3X 1.5+E BU 1HM

Nexans ref.: [ENZQ05A1003BFRJ](#)

Country ref.: 4191.1

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

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

Generated 10/11/20 [www.nexans.co.nz](http://www.nexans.co.nz) Page 1 / 2

# TPS Three Core +E (Blue)

CU TPS 3X 1.5+E BU 1HM

## CHARACTERISTICS

### Construction characteristics

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

### Dimensional characteristics

Number of cores	3
Conductor cross-section	1.5 mm <sup>2</sup>
Earth conductor cross section	1.5 mm <sup>2</sup>
Nominal overall diameter	4.74 x 13.7
Approximate weight	0.12 kg/m
Nominal insulation thickness	0.6 mm
Nominal outer sheath thickness	0.9 mm
Cable length	100 m

### Electrical characteristics

Rated Voltage U <sub>0</sub> /U (Um)	450 / 750 V
Max. DC resistance of the conductor at 20°C	13.6 Ohm/km

### Usage characteristics

Max. conductor temperature in service	90 °C
---------------------------------------	-------