## **TPS Three Core +E (Blue)**

**CU TPS 3X 4+2.5E BU 1HM** 

Sales and Customer Solutions sales.nz@nexans.com

Nexans Ref.: ENZP09A1003BFRJ

Country Ref.: 1103.1

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



Conductor flexibility

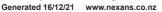


450 / 750 V



Rated Voltage Uo/U (Um) Max.conductor temp.in service 90 °C







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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 mm²
Earth conductor cross section	2.5 mm²
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 Uo/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





