

# PVC Flat (TPS) 2 Core & 3 Core (No Earth)

## 2X2.5mm<sup>2</sup> PVC Flat 450/750V Red White Cores with White Sheath 100m

Contact  
Internal Sales  
Phone: 1300 CABLES  
olex.csquotes@nexans.com

Nexans Ref.: CACP07A1002WVAB  
Country Ref.: CACP07A1002WVAB  
EAN 13: 9322576240217

2X2.5mm<sup>2</sup> PVC Flat 450/750V Red White Cores with White Sheath 100m

### DESCRIPTION

- 2 & 3 core flat,
- 450/750V V-90 insulated,
- PVC sheathed to AS/NZS 5000.2,
- Copper conductors, 90°C.

**Note:** \*Red sheath 450/750V version available for fire alarm wiring systems. A 0.6/1kV red sheath version is also available: DACP05AA002RDAB.

2 Core - Twin-Active or Active & Neutral

3 Core - 3 phase (Red, White, Blue)



### STANDARDS

**National** AS/NZS 1125; AS/  
NZS 5000.2



Conductor flexibility  
Class 2



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



Cable flexibility  
Rigid

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 28/6/24 [www.nexans.com.au](http://www.nexans.com.au) Page 1 / 2

# PVC Flat (TPS) 2 Core & 3 Core (No Earth)

## 2X2.5mm<sup>2</sup> PVC Flat 450/750V Red White Cores with White Sheath 100m

Contact  
Internal Sales  
Phone: 1300 CABLES  
olex.csquotes@nexans.com

### CHARACTERISTICS

#### Construction characteristics

Colour	White / white / red
Conductor flexibility	Class 2
Conductor material	Copper
Conductor shape	Circular
Insulation	V-90
Outer sheath	PVC
Type of conductor	Stranded copper
With Green/Yellow core	No
With smaller neutral conductor	No

#### Dimensional characteristics

Approximate weight	9.7 kg/100m
Cable length	100 m
Conductor cross-section	2.5 mm <sup>2</sup>
Neutral conductor section (when smaller)	- mm <sup>2</sup>
Nominal insulation thickness	0.7 mm
Nominal outer sheath thickness	1.0 mm
Nominal overall diameter	8.9 x 5.4
Number of cores	2

#### Electrical characteristics

Conductor AC resistance at 50 Hz	9.01 Ohm/km
Inductive reactance at 50Hz	0.159 Ohm/km
Insulation resistance at 20°C	12 MOhm.km
Max. DC resistance of the conductor at 20°C	7.41 Ohm/km
Rated Voltage U <sub>o</sub> /U (Um)	450/750 V

#### Mechanical characteristics

Cable flexibility	Rigid
-------------------	-------

### SELLING AND DELIVERY INFORMATION

Full Pallet Quantity 3,200m 32 x 100m Spools