

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

2X10mm<sup>2</sup> PVC Flat 450/750V Red Black Cores with White Sheath 500m

## Contact

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**Nexans Ref.:** CACP13A5002WVAA

**Country Ref.:** CACP13A5002WVAA

**EAN 13:** 9322576248015

2X10mm<sup>2</sup> PVC Flat 450/750V Red Black Cores with White Sheath 500m

## 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 U<sub>o</sub>/U (U<sub>m</sub>)  
450/750 V



Cable flexibility  
Rigid

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### CHARACTERISTICS

#### Construction characteristics

Colour	White / Black / 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	29.0 kg/100m
Cable length	500 m
Conductor cross-section	10 mm <sup>2</sup>
Neutral conductor section (when smaller)	- mm <sup>2</sup>
Nominal insulation thickness	1.0 mm
Nominal outer sheath thickness	1.2 mm
Nominal overall diameter	14.2 x 8.3
Number of cores	2

#### Electrical characteristics

Conductor AC resistance at 50 Hz	2.23 Ohm/km
Inductive reactance at 50Hz	0.134 Ohm/km
Insulation resistance at 20°C	9.9 MOhm.km
Max. DC resistance of the conductor at 20°C	1.83 Ohm/km
Rated Voltage U <sub>o</sub> /U (Um)	450/750 V

#### Mechanical characteristics

Cable flexibility	Rigid
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