

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

2X16mm² PVC Flat 450/750V Red Black Cores with White Sheath 100m

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2X16mm² PVC Flat 450/750V Red Black 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 U₀/U (U_m)
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.

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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	42.0 kg/100m
Cable length	100 m
Conductor cross-section	16 mm ²
Neutral conductor section (when smaller)	- mm ²
Nominal insulation thickness	1.0 mm
Nominal outer sheath thickness	1.3 mm
Nominal overall diameter	16.3 x 9.5
Number of cores	2

Electrical characteristics

Conductor AC resistance at 50 Hz	1.4 Ohm/km
Inductive reactance at 50Hz	0.126 Ohm/km
Insulation resistance at 20°C	8.4 MOhm.km
Max. DC resistance of the conductor at 20°C	1.15 Ohm/km
Rated Voltage U _o /U (Um)	450/750 V

Mechanical characteristics

Cable flexibility	Rigid
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