

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

2X1.5mm² PVC Flat 450/750V Red Black Cores with White Sheath 500m

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Nexans Ref.: CACP05A5002WVAA
Country Ref.: CACP05A5002WVAA
EAN 13: 9322576246745

2X1.5mm² 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 U₀/U (U_m)
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 | 6.2 kg/100m |
| Cable length | 500 m |
| Conductor cross-section | 1.5 mm ² |
| Neutral conductor section (when smaller) | - mm ² |
| Nominal insulation thickness | 0.6 mm |
| Nominal outer sheath thickness | 0.9 mm |
| Nominal overall diameter | 7.2 x 4.5 |
| Number of cores | 2 |

Electrical characteristics

| | |
|---|--------------|
| Conductor AC resistance at 50 Hz | 16.5 Ohm/km |
| Inductive reactance at 50Hz | 0.172 Ohm/km |
| Insulation resistance at 20°C | 14 MOhm.km |
| Max. DC resistance of the conductor at 20°C | 13.6 Ohm/km |
| Rated Voltage U _o /U (Um) | 450/750 V |

Mechanical characteristics

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