

# PVC Flat (TPS) 2 Core + Earth & 3 Core + Earth

## 2.5mm 2C&E Flat Black 500m

Nexans Ref.: CNCP07A5002BKAA

EAN 13: 9322576244536

2X2.5mm<sup>2</sup> + E PVC Flat Red Black Cores with Black Sheath

### DESCRIPTION

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

Twin & Earth, Flats, TPS

### STANDARDS

National AS/NZS 1125; AS/  
NZS 5000.2



Conductor flexibility  
Class 2



Rated Voltage U<sub>o</sub>/U (Um)  
450 / 750 V



Cable flexibility  
Rigid



Bending factor when laying  
6 (xD)

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 9/03/22 [www.olex.com.au](http://www.olex.com.au) Page 1 / 2

# PVC Flat (TPS) 2 Core + Earth & 3 Core + Earth

## 2.5mm 2C&E Flat Black 500m

### CHARACTERISTICS

#### Construction characteristics

Colour	Black / 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	Yes
With smaller neutral conductor	No

#### Dimensional characteristics

Approximate weight	14.03 kg/100m
Cable length	500 m
Conductor cross-section	2.5 mm <sup>2</sup>
Earth 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	12.2 x 5.4
Number of cores	2
Number of earth cores	1

#### 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>0</sub> /U (U <sub>m</sub> )	450 / 750 V

#### Mechanical characteristics

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

#### Usage characteristics

Bending factor when installed	4 (xD)
Bending factor when laying	6 (xD)

### SELLING AND DELIVERY INFORMATION

Full pallet Quantity 2,000m 4 x 500m Spools