

# POWERLEX® PVC Multicore Flexible OD Cords

## CU POWERLEX-OD 2X1.0+E GY V90 1HM

### Contact

OLEX CUSTOMER SERVICE - Purchase orders, invoices, general enquiries  
Phone: 1300 CABLES  
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Nexans ref.: EAHR03A1003GYAA

GTIN: 9319215050177

3X1.0mm<sup>2</sup> (2C+E) Powerlex OD Grey

### DESCRIPTION

250/440V V-90 insulated and sheathed ordinary duty flexible cord to AS/NZS 3191 and AS/NZS 60227 and to PVC Best Practice Guidelines.

- 250/440V
- V-90 insulated and sheathed ordinary duty flexible cord to AS/NZS 3191 and AS/NZS 60227.

**Note:** V-90HT is available on request subject to minimum production runs.



### STANDARDS

**National** AS/NZS 3191; AS/NZS 60227



Rated Voltage U<sub>0</sub>/U (Um)  
**250/440 V**

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## CHARACTERISTICS

### Construction characteristics

Conductor material	Copper
With Green/Yellow core	Yes
Outer sheath	PVC
Colour	Grey
Insulation colour	Brown, light blue, Green/yellow
Type of conductor	Copper
Insulation	V-90

### Dimensional characteristics

Maximum diameter of wires	0.21 mm
Conductor cross-section	1 mm <sup>2</sup>
Number of earth cores	1
Number of cores	3
Nominal overall diameter	6.9 mm
Approximate weight	8.0 kg/100m
Cable length	100 m

### Electrical characteristics

Inductive reactance at 50Hz	0.116 Ohm/km
Insulation resistance at 20°C	15.0 MOhm.km
Max. DC resistance of the conductor at 20°C	19.5 Ohm/km
A.C. Conductor resist. 50Hz and at 90 °C	23.7 Ohm/km
Rated Voltage U <sub>o</sub> /U (U <sub>m</sub> )	250/440 V