

# VERSOLEX® Flexible Multicore

CU VERSOLEX 4x 10 +4.0E

## Contact

Sales and Customer Solutions  
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Country Ref.: 7572

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## DESCRIPTION

- Class 5 flexible conductor
- 0.6/1kV cables,
- Flexible X-90 (XLPE) insulation for ranges 1.5mm<sup>2</sup> to 4mm<sup>2</sup> cables.
- X-HF-90 insulation for ranges 6mm<sup>2</sup> to 35mm<sup>2</sup> Cables
- TPE sheathed to AS/NZS5000.1 (Power)
- Copper conductors,
- Submersible up to 500m
- 1.5mm<sup>2</sup> to 4mm<sup>2</sup> Conductor range can be used as power cord (60°C.) or as powercable (90°C.)
- 6mm<sup>2</sup> to 35mm<sup>2</sup> Conductor range powercable (90°C.) only.



## STANDARDS

**National** AS/NZS 1125; AS/  
NZS 3191; AS/NZS 3808; AS/  
NZS 5000.1



Rated Voltage U<sub>o</sub>/U (Um)  
0.6/1 kV



Cable flexibility  
Flexible



Maximum operating temperature  
90 °C

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

Conductor material	Copper
Insulation	X-90
Insulation colour	-
Outer sheath	TPE
Sheath colour	Black
Type of conductor	Stranded copper
With Green/Yellow core	Yes
With smaller neutral conductor	No

### Dimensional characteristics

Conductor cross-section	10 mm <sup>2</sup>
Number of cores	4
Nominal overall diameter	19.5 mm
Approximate weight	64.0 kg/100m
Maximum diameter of wires	- mm
Neutral conductor section (when smaller)	- mm <sup>2</sup>
Nominal insulation thickness	- mm
Nominal outer sheath thickness	- mm

### Electrical characteristics

Conductor AC resistance at 50 Hz	- Ohm/km
Inductive resistance at 50Hz	- Ohm/km
Insulation resistance at 20°C	- MOhm.km
Max. DC resistance of the conductor at 20°C	- Ohm/km
Rated Voltage U <sub>0</sub> /U (U <sub>m</sub> )	0.6/1 kV

### Mechanical characteristics

Cable flexibility	Flexible
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### Usage characteristics

Maximum operating temperature	90 °C
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## CURRENT CARRYING CAPACITIES THREE PHASE (IN AMPS) - 3 -4 CORE PLUS EARTH CU VERSOLEX CABLES

Insulation X-HF-90 Max. Conductor Temperature 90C

Conductor cross-section [mm <sup>2</sup> ]	 Cu	 Cu	 Cu	 Cu	 Cu	 Cu
10	73	67	57	67	66	66
 Air spaced from surface, unenclosed	 Air touching, unenclosed	 Air enclosed				
 Buried direct	 Buried in single-way duct	 Cable surrounded by thermal insulation, unenclosed				

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