



Nexans
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Country
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4 core Low Voltage Underground Residential Distribution Cable to AS/NZS 4026. Manufactured to PVC Best Practice Guidelines.

STANDARDS

Product AS/NZS 4026

- Plain Annealed Copper conductors
- 0.6/1kV
- X-90 insulated (Colours: Red, White, Blue, Black)
- PVC sheathed
- Low Voltage Underground Residential Distribution Cable to AS/NZS 4026, 90°C.



Conductor flexibility
Class 2



Rated Voltage U_o/U (U_m)
0,6/1 kV



Cable flexibility
Rigid

CHARACTERISTICS

Construction characteristics

| | |
|--------------------------------|-------------------------|
| Colour | Black |
| Conductor flexibility | Class 2 |
| Conductor material | Copper |
| Conductor shape | Circular |
| Insulation | X-90 |
| Insulation colour | Red, black, white, blue |
| Outer sheath | PVC |
| Type of conductor | Copper |
| With Green/Yellow core | No |
| With smaller neutral conductor | No |

Dimensional characteristics

| | |
|--|--------------------|
| Approximate weight | 77.0 kg/100m |
| Cable length | - m |
| Conductor cross-section | 16 mm ² |
| Diameter over insulation | 7.9 mm |
| Neutral conductor section (when smaller) | - mm ² |
| Nominal insulation thickness | 1.5 mm |
| Nominal overall diameter | 22.1 mm |
| Number of cores | 4 |

Electrical characteristics

| | |
|---|--------------|
| Conductor AC resistance at 50 Hz | 1.47 Ohm/km |
| Inductive reactance at 50Hz | 0.074 Ohm/km |
| Insulation resistance at 20°C | 860 MOhm.km |
| Max. DC resistance of the conductor at 20°C | 1.15 Ohm/km |
| Rated Voltage U ₀ /U (Um) | 0,6/1 kV |

Mechanical characteristics

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