



N2XY

Low Voltage Cables



DESCRIPTION

The N2XY cable is an unarmoured low-voltage cable for power and control applications up to 0.6/1 kV. It is suitable for fixed installation in buildings, outdoors, in humid environments, and for direct burial - wherever no special mechanical stresses

TECHNICAL DATA

Conductor

CU

CUScreen

No

Rated voltage

0.6/1 kV

Maximal short-circuit temperature

250 °C

Minimal temperature for laying

-5 °C

Operating temperature range

-35 - +90 °C

Insulation

XLPE

Sheath

PVC

Test voltage

4 kV

Maximal operating conductor temperature

90 °C

Minimal storage temperature

-35 °C

Colour of insulation

HD 308 S2

CROSS-SECTION DATA

Options: 53 · Cores: 1, 3, 4, 5 · mm²: 10–500

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|---------|-------|----------|-------|----------|-------|----------|-------|-----------|-------|---------|-------|-------|
| 1x10 | 1x16 | 1x25 | 1x35 | 1x50 | 1x70 | 1x95 | 1x120 | 1x150 | 1x185 | 1x240 | 1x300 | 1x400 |
| 1x500 | 3x10 | 3x16 | 3x25 | 3x25+16 | 3x35 | 3x35+16 | 3x50 | 3x50+25 | 3x70 | 3x70+35 | 3x95 | |
| 3x95+50 | 3x120 | 3x120+70 | 3x150 | 3x150+70 | 3x185 | 3x185+95 | 3x240 | 3x240+120 | 4x10 | 4x16 | | |
| 4x25 | 4x35 | 4x50 | 4x70 | 4x95 | 4x120 | 4x150 | 4x185 | 4x240 | 5x10 | 5x16 | 5x25 | 5x35 |
| 5x50 | 5x70 | 5x95 | 5x120 | | | | | | | | | |