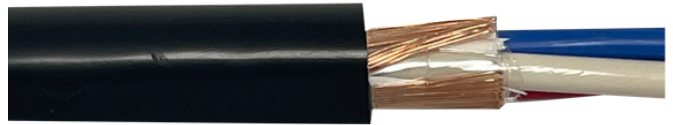


NSU SERIES

**Standard Performance Fixed
Neutral Screen Cable 0.6/1kV 90°C**



APPLICATIONS:

Consumer Mains Underground domestic and commercial subdivisions.

Internal Wiring Fixed applications between distributions boards.

PRODUCT FEATURES:

- ▶ 3.2mm SPVC Sheath for direct burial without added mechanical protection.
- ▶ PVC Insulation for ease of installation
- ▶ Screen offers 60% coverage to facilitate mechanical protection
- ▶ Suitable for circuits buried direct
- ▶ Metre marked for better length control
- ▶ UV Stabilised
- ▶ Flame retardant
- ▶ Heat, oil and chemical resistant (See Technical Section).

CONSTRUCTION:

Conductor Annealed plain copper stranded (Class 2).

Insulation V-90.

Sheath SPVC

CHARACTERISTICS:

Operating Temperature Range -15 to 90°C

Maximum Conductor Temperature 90°C (Current ratings are based on 30°C air temp. See technical section for de-rating factors).

Rated Voltage U_o/U 0.6/1kV.

Minimum Bending Radius Fixed 12 x cable diameter.

Sheath Colour Black.

Standard Core Colours

Single: Red

2 Cores: Red, Black.




3 Cores: Red, White, Blue.




4 Cores: Red, White, Blue, Black.

Relevant Standards AS/NZS 1125, AS/NZS 3808, AS/NZS 4961, AS/NZS 5000.1, **RoHS** Compliant.

Product table continued over ►

NSU SERIES continued

| Code | No. of Cores x Size (mm ²) | Approx. Stranding no. of Wires x mm | Approx. Overall Diameter (H x W) (mm x mm) | Nominal Outer Sheath Thickness (mm) | Approx. Weight (Kg/Km) | Nominal Amps @ 30°C Fixed Installation | | | Single Phase Volt Drop 75°C (mV/Am) |
|----------|---|--|--|--|---------------------------|--|---|---|---|
| | | | | | | Wiring enclosure in air (touching)  | Buried direct  | Under ground wiring  | |
| NSU1/6.0 | 1 x 6 | 7/1.04 | 13 | 3.2 | 310 | 50 | 55 | 55 | 7.50 |
| NSU1/10 | 1 x 10 | 7/1.35 | 14.2 | 3.2 | 380 | 68 | 73 | 73 | 4.46 |
| NSU1/16 | 1 x 16 | 7/1.70 | 16 | 3.2 | 520 | 91 | 125 | 95 | 2.81 |
| NSU1/25 | 1 x 25 | 7/2.14 | 18 | 3.2 | 730 | 122 | 162 | 123 | 1.78 |
| NSU2/2.5 | 2 x 2.5 | 7/0.67 | 10.9 x 14.5 | 3.2 | 270 | 30 | 33 | 33 | 18.02 |
| NSU2/4.0 | 2 x 4.0 | 7/0.85 | 11.8 x 16.3 | 3.2 | 360 | 39 | 43 | 43 | 11.22 |
| NSU2/6.0 | 2 x 6.0 | 7/1.04 | 12.4 x 17.5 | 3.2 | 420 | 50 | 55 | 55 | 7.50 |
| NSU2/10 | 2 x 10 | 7/1.70 | 13.5 x 19.5 | 3.2 | 580 | 68 | 73 | 73 | 4.46 |
| NSU2/16 | 2 x 16 | 7/2.14 | 14.9 x 22.0 | 3.2 | 770 | 91 | 125 | 95 | 2.81 |

| Code | No. of Cores x Size (mm ²) | Approx. Stranding no. of Wires x mm | Approx. Overall Diameter (H x W) (mm x mm) | Nominal Outer Sheath Thickness (mm) | Approx. Weight (Kg/Km) | Nominal Amps @ 30°C Fixed Installation | | | Three Phase Volt Drop 75°C (mV/Am) |
|----------|---|--|--|--|---------------------------|--|---|---|--|
| | | | | | | Wiring enclosure in air (touching)  | Buried direct  | Under ground wiring  | |
| NSU3/2.5 | 3 x 2.5 | 7/0.67 | 15.5 | 3.2 | 400 | 25 | 28 | 28 | 15.6 |
| NSU3/4.0 | 3 x 4.0 | 7/0.85 | 17.5 | 3.2 | 520 | 33 | 36 | 36 | 9.71 |
| NSU3/6.0 | 3 x 6.0 | 7/1.04 | 19.0 | 3.2 | 610 | 42 | 46 | 46 | 6.49 |
| NSU3/10 | 3 x 10 | 7/1.70 | 20.9 | 3.2 | 800 | 58 | 61 | 61 | 3.86 |
| NSU3/16 | 3 x 16 | 7/2.14 | 23.6 | 3.2 | 1030 | 78 | 106 | 80 | 2.43 |
| NSU4/2.5 | 4 x 2.5 | 7/0.67 | 16.5 | 3.2 | 400 | 25 | 28 | 28 | 15.6 |
| NSU4/4.0 | 4 x 4.0 | 7/0.85 | 18.7 | 3.2 | 520 | 33 | 36 | 36 | 9.71 |
| NSU4/6.0 | 4 x 6.0 | 7/1.04 | 20.2 | 3.2 | 610 | 42 | 46 | 46 | 6.49 |
| NSU4/10 | 4 x 10 | 7/1.70 | 22.5 | 3.2 | 800 | 58 | 61 | 61 | 3.86 |
| NSU4/16 | 4 x 16 | 7/2.14 | 25.4 | 3.2 | 1030 | 78 | 106 | 80 | 2.43 |