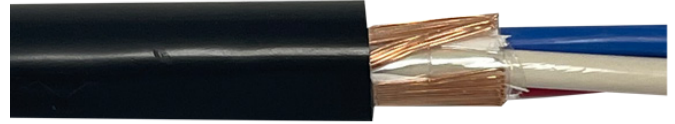


## NSU SERIES

### 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.
- ▶ SPVC sheath for ease of installation
- ▶ 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<sub>o</sub>/U 0.6/1kV.

**Minimum Bending Radius** Fixed 12 x cable diameter.

**Sheath Colour** Black.

#### Standard Core Colours

Single: Red

2 Cores: Red, White.

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 <sup>2</sup> )	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	
<b>NSU1/6.0</b>	1 x 6	7/1.04	13.0	3.2	310	50	55	55	7.50
<b>NSU1/10</b>	1 x 10	7/1.35	14.2	3.2	380	68	73	73	4.46
<b>NSU1/16</b>	1 x 16	7/1.70	16.0	3.2	520	91	125	95	2.81
<b>NSU1/25</b>	1 x 25	7/2.14	18.0	3.2	730	122	162	123	1.78
<b>NSU1/35</b>	1 x 35	19/1.53	19.3	3.2	950	149	196	150	1.28
<b>NSU2/2.5</b>	2 x 2.5	7/0.67	10.9 x 14.5	3.2	270	30	33	33	18.02
<b>NSU2/4.0</b>	2 x 4.0	7/0.85	11.8 x 16.3	3.2	360	39	43	43	11.22
<b>NSU2/6.0</b>	2 x 6.0	7/1.04	12.4 x 17.5	3.2	420	50	55	55	7.50
<b>NSU2/10</b>	2 x 10	7/1.70	13.5 x 19.5	3.2	580	68	73	73	4.46
<b>NSU2/16</b>	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 <sup>2</sup> )	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	
<b>NSU3/2.5</b>	3 x 2.5	7/0.67	15.5	3.2	400	25	28	28	15.6
<b>NSU3/4.0</b>	3 x 4.0	7/0.85	17.5	3.2	520	33	36	36	9.71
<b>NSU3/6.0</b>	3 x 6.0	7/1.04	19.0	3.2	610	42	46	46	6.49
<b>NSU3/10</b>	3 x 10	7/1.70	20.9	3.2	800	58	61	61	3.86
<b>NSU3/16</b>	3 x 16	7/2.14	23.6	3.2	1030	78	106	80	2.43
<b>NSU4/2.5</b>	4 x 2.5	7/0.67	16.5	3.2	400	25	28	28	15.6
<b>NSU4/4.0</b>	4 x 4.0	7/0.85	18.7	3.2	520	33	36	36	9.71
<b>NSU4/6.0</b>	4 x 6.0	7/1.04	20.2	3.2	610	42	46	46	6.49
<b>NSU4/10</b>	4 x 10	7/1.70	22.5	3.2	800	58	61	61	3.86
<b>NSU4/16</b>	4 x 16	7/2.14	25.4	3.2	1030	78	106	80	2.43