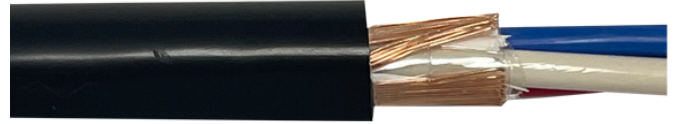


NSU SERIES

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 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, 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 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	13.0	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	16.0	3.2	520	91	125	95	2.81
NSU1/25	1 x 25	7/2.14	18.0	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