

NST TRAYSCREEN SERIES

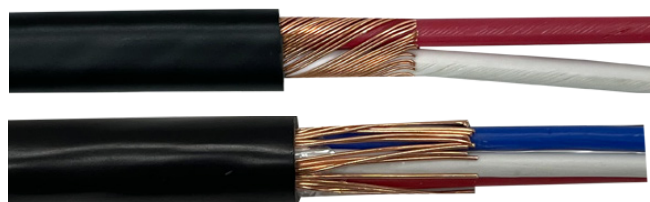
Standard Performance Fixed Neutral Screen Cable 0.6/1kV 90°C

APPLICATIONS:

- Trayscreen** Commercial cable tray installations.
- Consumer Mains** Domestic and commercial - only suitable for burial with added protection or in conduit.
- Internal Wiring** Fixed applications between distributions boards.
- Motor Cabling** Fixed applications between motor control and electric motors.
- Lighting Circuits** Fixed applications for lighting circuits where mechanical protection is required.

PRODUCT FEATURES:

- ▶ 1.8mm SPVC Sheath, Smaller OD compared to standard NS Cables
- ▶ SPVC sheath for ease of installation
- ▶ 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**
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, **RoHS** Compliant.

Code	No. of Cores x Size (mm ²)	Approx. Stranding no. of Wires x mm	Approx. Overall Diameter (H x W) (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)	Enclosed wiring enclosure in Air	Under ground wiring	
NST2/2.5	2 x 2.5	7/0.67	8.5 x 12.3	1.8	200	30	26	33	18.02
NST2/4.0	2 x 4.0	7/0.85	9.5 x 14.4	1.8	270	39	34	43	11.22
NST2/6.0	2 x 6.0	7/1.04	10.1 x 15.6	1.8	330	50	44	55	7.50
NST2/2.5ROUND	2 x 2.5	7/0.67	12.2	1.8	240	30	26	33	18.02
NST2/4.0ROUND	2 x 4.0	7/0.85	14.0	1.8	300	39	34	43	11.22
NST2/6.0ROUND	2 x 6.0	7/1.04	15.2	1.8	360	50	44	55	7.50

Code	No. of Cores x Size (mm ²)	Approx. Stranding no. of Wires x mm	Approx. Overall Diameter (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)	Enclosed wiring enclosure in Air	Under ground wiring	
NST3/2.5	3 x 2.5	7/0.67	13.2	1.8	300	25	23	28	15.6
NST3/4.0	3 x 4.0	7/0.85	15.5	1.8	410	33	29	36	9.71
NST3/6.0	3 x 6.0	7/1.04	16.8	1.8	510	42	38	46	6.49
NST4/2.5	4 x 2.5	7/0.67	14.2	1.8	350	25	23	28	15.6
NST4/4.0	4 x 4.0	7/0.85	16.8	1.8	490	33	29	36	9.71
NST4/6.0	4 x 6.0	7/1.04	18.2	1.8	610	42	38	46	6.49

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