

VIN SERIES

Standard Performance Fixed Circular
TPS Cable 0.6/1kV 75°C

APPLICATIONS:

- Power** Suitable for main and submains in a fixed location.
 - Enclosures** Internal wiring inside and between switchboards.
 - Buildings** Suitable for interconnection of mains between floors.
- Typical use within Network authority works.

PRODUCT FEATURES:

- ▶ Flame retardant
- ▶ UV stabilised
- ▶ Metre marked for better length control
- ▶ Oil and chemical resistant (See Technical Section)



CONSTRUCTION:

- Conductor** Annealed plain copper stranded (Class 2)
- Insulation** V-75.
- Sheath** SPVC.

CHARACTERISTICS:

- Operating Temperature range** -20°C to 75°C
- Maximum Conductor Temperature** 75°C (Current ratings are based on 30°C air temp. See technical section for de-rating factors).
- Rated Voltage** Uo/U 0.6/1kV
- Minimum Bending Radius** Fixed - 12 x cable diameter
- Insulation Core Colour** White
- Sheath Colour**
(Use colour letters at the end of the code when ordering)
BK - Black
BL - Blue
RD - Red
WH - White
- Relevant Standards** AS/NZS 5000.1, AS/NZS 3808, AS/NZS 3008, AS/NZS 1125, **RoHS** Compliant.
- BEP Certified** - Greenstar compliant.

Code	No. of Cores x Size (mm ²)	Approx. Stranding no. of Wires x mm	Approx. Overall Diameter (H x W) (mm x mm)	Approx. Weight (Kg/Km)	Nominal Amps @ 30°C Fixed Installation			Three Phase Volt Drop 75°C (mV/A/m)
					Touching	Enclosed wiring enclosure in Air	Partially surrounded by thermal insulation	
VIN016	1 x 16	7/1.70	9.9	230	82	71	44	2.55
VIN025	1 x 25	7/2.14	11.6	340	111	92	57	1.65
VIN035	1 x 35	19/1.53	12.9	440	136	114	71	1.18
VIN070	1 x 70	19/2.14	16.3	800	210	173	107	0.591