

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 SPVC V-75
Sheath SPVC 5V-75

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 U₀/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

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			Three Phase Volt Drop 75°C (mV/Am)
					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