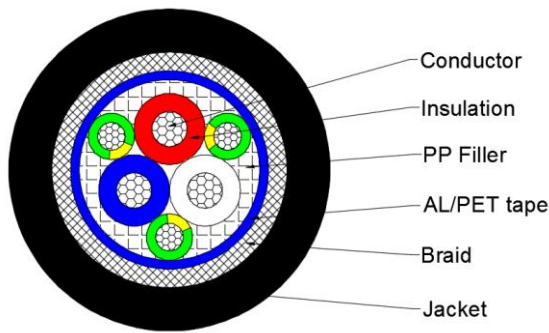


TECHNICAL DATA SHEET

3x10.0mm² + 3xE1.5mm² VSD Cable, XLPE insulated and PVC sheathed



Descriptions	Flexible Variable Speed Drive (VSD) Cable, 3 phase core plus 3 split earth core symmetrical construction. Suitable for use with VSD's where RFI & EMI protection is required. Suitable for fixed installations. Rated voltage 0.6/1kV.	
Standards	AS/NZS1125, IEC60228, AS/NZS3808, AS/NZS3008, AS/NZS5000.1, IEC60332-1, RoHS	
1. Conductor	Material	Stranded Tinned Copper wire
	Construction	Phase Conductor: 80/0.40 ± 0.005mm Earth Conductor: 30/0.25 ± 0.005mm
	Nom. O.D.	Phase Conductor: 4.12mm, Earth Conductor: 1.57
	Cross Section Area	Phase Conductor: 10.0mm ² , Earth Conductor: 1.5mm ²
2. Insulation	Material	XLPE, X-90
	Nom. O.D.	Phase Core: 5.6 ± 0.1mm, Earth Core: 2.6 ± 0.1mm
	Nom. Wall Thickness	Phase Core: 0.70mm, Earth Core: 0.50mm
	Min. Wall Thickness	Phase Core: 0.53mm, Earth Core: 0.35mm
	Color Codes	Phase Core: Red, Blue, White, Earth Core: Green/Yellow
3. Filler	Material	PP filler, filled between phase and earth cores
4. First Shield	Material	AL/pet tape
	Construction	Overall & helically wrapping, 100% coverage
5. Second Shield	Material	Tinned Copper wire
	Construction	24*8*0.18mm, braiding coverage ≥ 85%
6. Jacket	Material	Black 5V-90 PVC, UV Stabilized
	Nom. External O.D.	16.5 ± 0.3mm
	Nom. Wall Thickness	1.80mm
	Min. Wall Thickness	1.43mm
Conductor DCR	Phase Conductor ≤ 1.95 Ω / Km, Earth Conductor ≤ 13.7 Ω / Km	
Operating Temp.	-20C to 90C	
Voltage Rating	0.6/1kV	
Cable Weight	590 Kg / Km	