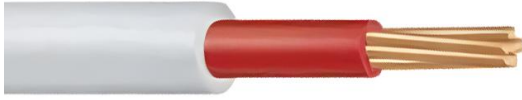


SDI V90 PVC Insulated, 3V90 PVC Easy-tear Sheathed 450/750V to AS/NZS5000.2

Note: The above drawing is for representation purpose only.

Description

| | |
|-------------|----------------------------------|
| Conductor: | Plain Annealed Copper AS/NZS1125 |
| Insulation: | V90 PVC to AS/NZS3808 |
| Sheath: | 3V90 PVC to AS/NZS3808 easy-tear |

Core identification

Red, or Black

Sheath Colour

White (mains)

Technical Data

| | |
|------------------------|---------------|
| Rated Voltage: | 450/750V |
| Operating Temperature: | -20°C to 90°C |

Standards Compliance

| | |
|-------------|--------------|
| AS/NZS 1125 | IEC60332-1 |
| AS/NZS 3808 | AS/NZS5000.2 |

Printing Information:

AKY V90 ELECTRIC CABLE MM/YYYY <PART NO.> 450/750V CU <SIZE> XXXM

Min. Bending Radius: 8 x Cable Diameter

Packing length: 100M , 500M

SDI V90 PVC Insulated, 3V90 PVC Easy-tear Sheathed 450/750V to AS/NZS5000.2

Physical & Electrical Characteristics

| AKY Code | Stranding (No./mm) | Insulation Thickness (mm) | Sheath Thickness (mm) | Overall Diameter (mm) | Conductor Resistance @20°C (Ω/km) | Approx. Weight (kg/100m) |
|----------|--------------------|---------------------------|-----------------------|-----------------------|-----------------------------------|--------------------------|
| SDI 1.0 | 1/1.13 | 0.6 | 0.8 | 4.1 | 18.1 | 29 |
| SDI 1.5 | 7/0.5 | 0.6 | 0.8 | 4.5 | 13.6 | 35 |
| SDI 2.5 | 7/0.67 | 0.7 | 0.8 | 5.2 | 7.41 | 51 |
| SDI 4.0 | 7/0.85 | 0.8 | 0.9 | 6.2 | 4.61 | 74 |
| SDI 6.0 | 7/1.04 | 0.8 | 0.9 | 6.8 | 3.08 | 98 |
| SDI 10 | 7/1.35 | 1 | 0.9 | 8.2 | 1.83 | 15 |
| SDI 16 | 7/1.7 | 1 | 1.0 | 9.4 | 1.15 | 22 |

For conductors 25mm² and above please refer to XLPE/PVC product ranges.

Note: There will be tolerances in conductor stranding. Actual production shall be subject to meet the resistance requirements.

The information in this specification is to be used as a reference only. AKY Cable has already taken all due care to ensure accurate information in this specification but accepts no liability for errors or omissions. AKY Cable reserves the right to modify the specification at any time.