



450/750V V-90 Insulated 2 & 3 Core with Earth TPS Cable

APPLICATION:

These cables have wide applications: in construction for building wiring and mobile house internal installation, in industrial equipment for machine tool and robot electrical connections, in automatic control for production line component wires, and in outdoor & special environments for waterproof wires and household AC extension cords.

CABLE STRUCTURE:

Conductor material : Copper

Conductor shape : Circular

Insulation: V-90

Outer sheath : 3V-90

With Green/Yellow core : Yes

Number of earth cores : 1

TECHNICAL DATA:

Rated volatge:

450/750 V

Rated Temperature:

90°C

Bending radius:

Bending factor when installed : 4 (xD)

Bending factor when laying : 6 (xD)

STANDARDS:

Product:

AS/NZS 5000.2

Electric cables - Polymeric insulated

For working voltages up to and including 450/750 V

Conductor:

AS/NZS 1125

Conductors in insulated electric cables and flexible cords

Insulation & Sheath:

AS/NZS 3808

Insulating and sheathing materials for electric cables

CERTIFICATES:

We hold SAA certifications for our product categories. Additionally, we possess authoritative certifications recognized in other countries and regions.





450/750V V-90 Insulated 2 & 3 Core with Earth TPS Cable

Specifications: (PVC FLAT 2 CORES+EARTH)

Cross section	Type of conductor	Nom. insulation thick.	Nom. outer sheath thick.	Earth cond.sect.	Nom.over. diam.	Approx. weight
mm ²		mm	mm	mm ²	mm	kg/100m
1	Solid copper	0.6	0.9	1	8.9x4.2	7.74
1.5	Stranded copper	0.6	0.9	1.5	9.9x4.5	8.86
2.5	Stranded copper	0.7	1.0	2.5	12.2x5.4	14.03
4	Stranded copper	0.8	1.1	2.5	13.9x6.3	18.65
6	Stranded copper	0.8	1.1	2.5	15.0x6.9	23.04
10	Stranded copper	1.0	1.2	4	18.3x8.3	36.05
16	Stranded copper	1.0	1.3	6	21.0x9.5	51.46

Specifications: (PVC FLAT 3 CORES+EARTH)

Cross section	Type of conductor	Nom. insulation thick.	Nom. outer sheath thick.	Earth cond.sect.	Nom.over. diam.	Approx. weight
mm ²		mm	mm	mm ²	mm	kg/100m
1.5	Stranded copper	0.6	0.9	1.5	12.6x4.5	11.54
2.5	Stranded copper	0.7	1	2.5	15.7x5.4	18.31