

TCWB Sreeed Power Cables Technical Specification

Drawing



Application

Nitrile PVC compound insulation and sheath, tinned copper wire braid screened 0.6/1kV power cables.
BC/V90 PVC/5V90 PVC/TCWB/Nitrile PVC

Construction

Conductor: Annealed bare copper conductor standard for AS/NZS1125 class 5.

Insulation: V90PVC compound comply to AS/NZS3808, color is Red, White, Blue, Black.

Bedding: 5V90PVC compound comply to AS/NZS3808, color is White.

Screen: Tinned copper wire braid.

Sheath: Special Nitrile PVC compound, color is Black.

Mechanical and Electrical Properties

Temperature Range: -20 to +90°C.

Rated Voltage: 0.6/1kV.

Min Bending Radius: 8 X cable's Diameter

Relevant Standard

IEC60332-1.

Feature

Surface Marking: according to customer require.

Characteristics

Cores x CSA	Conductor Structure	Diameter of Conductor	Thickness of Insulation	Diameter of Insulated	Diameter of Cabling	Thickness of Bedding	Diameter of Bedding	Diameter of TCWB	Screen Area	Thickness of Outer Sheath	Overall Diameter	Conductor Resistance @20°C
mm ²	No./mm	mm	mm	mm	mm	mm	mm	mm	mm ²	mm	mm	Ω/km
04/6.0BK	77/0.32	3.2	1.0	5.2	12.6	1.0	14.6	15.8	6.0	1.8	19.4	3.3
04/16BK	196/0.32	5.5	1.0	7.5	18.3	1.0	20.3	21.5	8.0	1.8	25.1	1.21