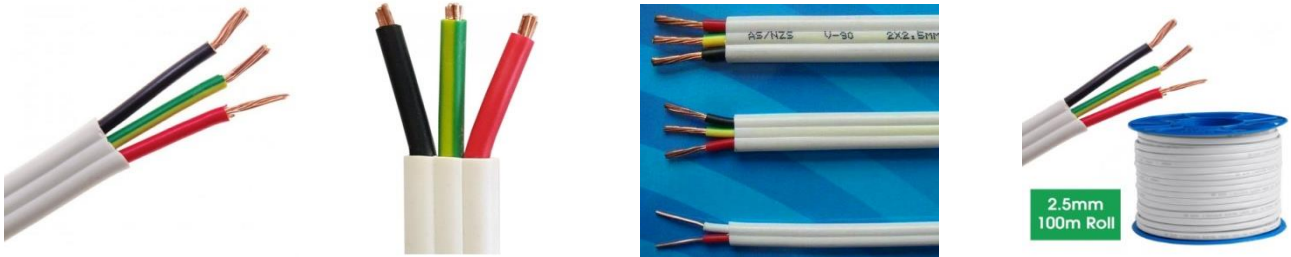


AS/NZS 5000.2 Flat TPS PVC Insulated BVVB Electrical Wires and Cables

PRODUCTS PICTURES



PRODUCTS KEYWORDS

BVVB, flat TPS cable, AS/NZS 5000.2, PVC flat cable, flat twin and earth cable, PVC flat + earth cable, PVC flat 2C+E cable.

PRODUCTS APPLICATION

AS/NZS 5000.2 Flat TPS PVC Insulated BVVB Electrical Wires and Cables, for general wiring, unenclosed, enclosed in conduit, buried direct or in underground ducts for domestic, commercial and industrial installations where not subject to mechanical damage. Compared with IEC 60227 and BS 6004 standard products, it mainly has the following differences:

- ① colour of insulation and sheath.
- ② material of insulation & sheath.
- ③ working temperature.
- ④ conductor structure.
- ⑤ structure and color of earth wire.
- ⑥ sheath surface.
- ⑦ voltage rated.

PRODUCTS STRUCTURE

---Conductor Material

Plain annealed copper wire, solid class 1 (1.0 mm²), strand class 2 (1.5~16 mm²).

---Insulation Material

V-90 PVC (Polyvinyl chloride).

---Insulation Colour

2C: red, black; red, white. 3C (2C + earth): red, black, yellow/green (E); red, white, yellow/green (E).

---Sheath Material

3V-90 easy-tear PVC (Polyvinyl chloride).

---Sheath Colour

White

---Voltage Rate (U₀/U)

450/750V

---Working Temperature

-15°C~+90°C.

--- Minimum Bending Radius

Up to 6 mm²: 6 x O.D., 10~16 mm²: 10 x O.D.

--- Products Appearance

Flat (it is not round).

PRODUCTS STANDARD

AS/NZS 5000.2, AS/NZS 1125

PRODUCTS DELIVERY

Within 10-15 days as soon as we received the deposit.

PRODUCTS SPECIFICATION

Cross Section Area (mm ²)	Conductor Material	Conductor Structure (pcs/mm)	PVC Insulated Thickness (mm)	PVC Sheathed Thickness (mm)	Refer Max. Out Diameter (mm)	Refer Net Weight (kg/km)	Voltage Rate (U ₀ /U)	MOQ (m)
2 x 1.0	Copper wire	2C 1/1.13	0.6	0.9	4.2 x 6.5	50	450/750V	10000
2 x 1.5	Copper wire	2C 7/0.51	0.6	0.9	4.5 x 7.2	62	450/750V	5000
2 x 2.5	Copper wire	2C 7/0.68	0.7	1.0	5.4 x 8.9	97	450/750V	5000
2 x 4	Copper wire	2C 7/0.85	0.8	1.1	6.3 x 10.5	140	450/750V	5000
2 x 6	Copper wire, strand.	2C 7/1.04	0.8	1.1	6.9 x 11.6	190	450/750V	5000
2 x 10	Copper wire	2C 7/1.35	1.0	1.2	8.3 x 14.2	290	450/750V	5000
2 x 16	Copper wire	2C 7/1.70	1.0	1.3	9.5 x 16.3	430	450/750V	5000
2x1.0+ 1x1.0	Copper wire	3C 1/1.13	0.6	0.9	4.2 x 8.9	77	450/750V	10000
2x1.5+ 1x1.5	Copper wire	3C 7/0.51	0.6	0.9	4.5 x 9.9	89	450/750V	5000
2x2.5+ 1x2.5	Copper wire	3C 7/0.68	0.7	1.0	5.4 x 12.2	140	450/750V	5000
2x4+ 1x2.5	Copper wire	2C:7/0.85 1C:7/0.68	0.8	1.1	6.3 x 13.9	190	450/750V	5000
2x6+ 1x2.5	Copper wire	2C:7/1.04 1C:7/0.68	0.8	1.1	6.9 x 15.0	230	450/750V	5000
2x10+ 1x4	Copper wire	2C:7/1.35 1C:7/0.85	1.0	1.2	8.3 x 18.3	360	450/750V	5000
2x16+ 1x6	Copper wire	2C:7/1.70 1C:7/1.04	1.0	1.3	9.5 x 21.0	520	450/750V	5000

ELECTRICAL CHARACTERISTICS

Cross Section Area (mm ²)	Max. DC Conductor Resistance at 20°C (Ω/km)	Min. DC Insulation Resistance at 70°C (MΩ . km)	Reference Max. Current Carrying in air (A)	Nominal Packing	Remaks
2 x 1.0	18.1	0.0119	17	100 m/roll	
2 x 1.5	13.6	0.0111	22	100 m/roll	
2 x 2.5	7.41	0.0102	31	100 m/roll	
2 x 4	4.61	0.0100	40	100 m/roll	
2 x 6	3.08	0.0097	51	100 m/roll	
2 x 10	1.83	0.0091	68	100 m/roll	
2 x 16	1.15	0.0086	88	100 m/roll	
2x1.0+1x1.0	18.1	0.0119	17	100 m/roll	
2x1.5+1x1.5	12.1	0.0111	22	100 m/roll	
2x2.5+1x2.5	7.41	0.0102	31	100 m/roll	
2x4+1x2.5	4.61	0.0100	40	100 m/roll	
2x6+1x2.5	3.08	0.0097	51	100 m/roll	
2x10+1x4	1.83	0.0091	68	100 m/roll	
2x16+1x6	1.15	0.0086	88	100 m/roll	

REMARK

---The information contained within this datasheet is for guidance only and is subject to change without notice or liability.

---All the information is provided in good faith and is believed to be correct at the time of publication.

---When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.

---The OEM and small order will be accepted, for more details, please feel free to contact us immediately.

