

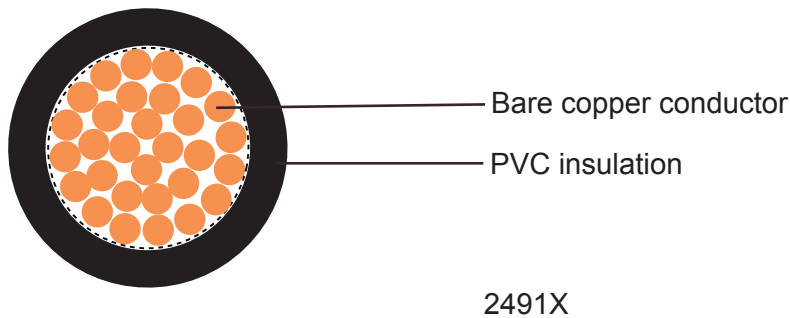


2491X to BS 6004(New BS EN 50525-2-31)

Application and Description

These cables are designed for use in the switch control, relay and instrumentation panels of power switchgear and for purposes such as internal connectors in rectifier equipment, motor starters and controllers. 2491X is equivalent to harmonized code H05V-U/H05V-R/H05V-K.

Cable Construction



- Fine bare copper strands
- Solid wire to BS 6360 CL-1 or IEC 60228 CL-1
- Stranding to BS 6360 CL-2 or IEC 60228 CL-2
- Stranding to BS 6360 CL-5 or IEC 60228 CL-5
- Special PVC TI1 core insulation to BS 7655

Core Identification

Black, Blue, Green/Yellow, Red, Yellow, White, Violet, Brown, Grey, Orange, Pink

Technical Characteristics

- Working voltage: 300/500v
- Test voltage: 2000volts
- Minimum bending radius: 6xOverall diameter
- Flexing temperature: -5° C to +70° C
- Static temperature: -30° C to +80° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 10 MΩxkm



Cable Parameter

AWG (No of Strands/ Strand Diameter)	No. of Cores x Nominal Cross Sectional Area #xmm ²	Nominal Thickness of Insulation mm	Nominal Overall Diameter mm	Nominal Copper Weight kg/km	Nominal Weight kg/km
20(solid)	1 x 0.5	0.6	2.1	4.8	9
18(solid)	1 x 0.75	0.6	2.2	7.2	11
17(solid)	1 x 1	0.6	2.4	9.6	14
20(7/29)	1 x 0.5	0.6	2.1	4.8	9
18(7/27)	1 x 0.75	0.6	2.3	7.2	12
17(7/26)	1 x 1	0.6	2.6	9.6	15
20(16/32)	1x0.5	0.6	2.1	4.9	10
18(24/32)	1x0.75	0.6	2.4	7.2	13
17(32/32)	1x1	0.6	2.6	9.6	15