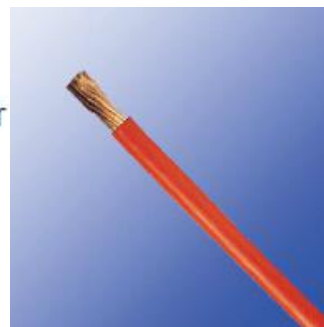
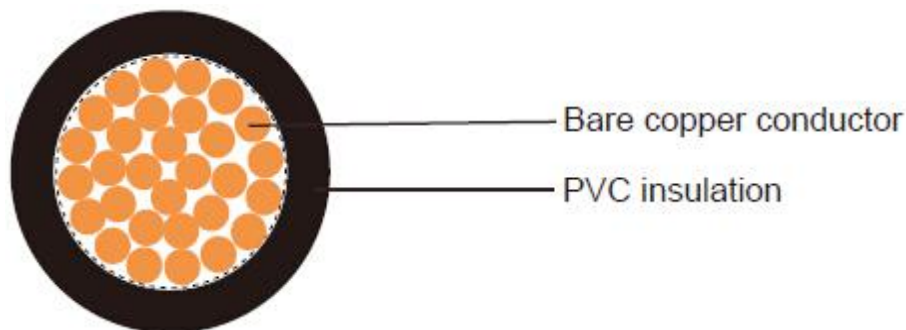


2491X HR to BS 6004(New BS EN 50525-2-31)

Application and Description

2491X HR to BS 6004(New BS EN 50525-2-31) cables are ideal for use in power current installation, switch cabinets, motors and transformers which are subject to direct contact with high temperature equipments(e.g. varnishing machines and drying towers etc.). 2491X HR to BS 6004(New BS EN 50525-2-31) cables are also suitable for inside wiring of electrical equipments such as lighting and heating apparatus. 2491X HR is equivalent to harmonized code H05V2-U/H05V2-R/H05V2-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 heat resistant PVC TI3 core insulation to BS 7655

Core Identification

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

Technical Characteristics

Working voltage: 300/500volts

Test voltage: 2000/2500 volts

Flexing bending radius: 10-15xOverall diameter

Static bending radius: 10-15xOverall diameter

Flexing temperature: +5° C to +90° C

Static temperature: -10° C to +105° C

Short circuit temperature: +160° C

Flame retardant: IEC 60332.1

Insulation resistance: 20 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