

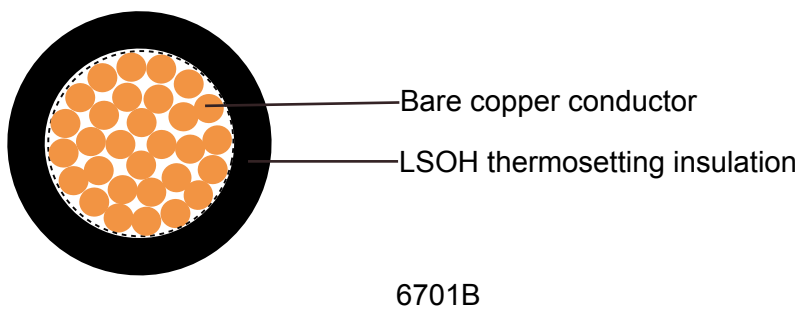


2491B/6701B to BS 7211

Application and Description

These flexible cable are used in panel, conduit and general fixed wiring applications where there is a requirement for flexibility during installation and in the event of fire, a need to minimize the risk from smoke and toxic fumes but where circuit integrity is not required. Not suitable for wet or immersed applications. 2491B/6701B is equivalent to harmonized code H05Z-K/H07Z-K.

Cable Construction



- Fine bare copper strands
- Stranding to to BS 6360 Class 5 or IEC 60228 Class 5
- LSOH thermosetting core insulation type EI5

Core Identification

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

Technical Characteristics

- Working voltage: 300/500v (2491B), 450/750v (6701B)
- Test voltage: 2000 / 2500 volts
- Minimum bending radius: 5xOverall diameter
- Flexing temperature: -15° C to +90° C
- Static temperature: -40° C to +90° C
- Insulation resistance: 10 MΩxkm



- Halogen free acc. to EN 50267-2-1 / IEC 60754-1
- Smoke density acc. to EN 50268-2 / IEC 61034-2
- Corrosivity of gases acc. to EN 50267-2-2, IEC 60754-2
- Flame retardancy acc. to EN 50265-2-1, IEC 60332-1

Cable Parameter

AWG (No of Strands/ Strand Diameter)	No. of Cores x Nominal Cross Sectional Area #x mm^2	Nominal Thickness of Insulation mm	Nominal Overall Diameter mm	Nominal Copper Weight kg/km	Nominal Weight kg/km
2491B					
20(16/32)	1x0.5	0.6	2.1-2.6	4.8	9
18(24/32)	1x0.75	0.6	2.2-2.8	7.2	12.4
17(32/32)	1x1	0.6	2.4-2.9	9.6	15
6701B					
16(30/30)	1x1.5	0.7	2.8-3.5	14.4	24
14(50/30)	1x2.5	0.8	3.4-4.3	24	35
12(56/28)	1x4	0.8	3.9-4.9	38	51
10(84/28)	1x6	0.8	4.4-5.5	58	71
8(80/26)	1x10	1.0	5.7-7.1	96	118
6(128/26)	1x16	1.0	6.7-8.4	154	180
4(200/26)	1x25	1.2	8.4-10.6	240	278
2(280/26)	1x35	1.2	9.7-12.1	336	375
1(400/26)	1x50	1.4	11.5-14.4	480	560
2/0(356/24)	1x70	1.4	13.2-16.6	672	780
3/0(485/24)	1x95	1.6	15.1-18.8	912	952
4/0(614/24)	1x120	1.6	16.7-20.9	1152	1200
300MCM (765/24)	1x150	1.8	18.6-23.3	1440	1505
350MCM (944/24)	1x185	2.0	20.6-25.8	1776	1845
500MCM(1225/24)	1x240	2.2	23.5-29.4	2304	2400