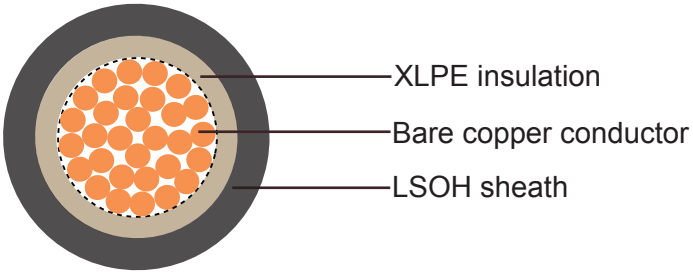
6381B to BS7211 & IEC 60502

Application and Description

These cables are suitable for D.C. power supplies on telecom equipment and power applications where flexibility is required. The cables produce no corrosive gases when burnt which is important where electronic equipment is installed.

Cable Construction



6381B

6381B

- Bare copper conductor
- Stranding to BS6360 CL-5 or IEC60228 CL-5
- XLPE(Cross-Linked Polyethylene), GP8 insulation
- LSOH(Low Smoke Zero Halogen) LTS4 sheath

Sheath/Core Identification

Blue (Blue), Grey (Grey), Green/Yellow (Green/Yellow), Brown (Brown), Special colours to order

Technical Characteristics

- Working voltage: 600/1000V
- Minimum bending radius: up to 50 mm² : 3xoverall diameter,
  70mm² and above: - 4xoverall diameter
- Operating temperature: 0º C to +90º C
- Insulation resistance: 10 MΩxkm
- Flame retardant: IEC 60332.1, BS4066 Part 1

Cable Parameter

AWG (No of Strands/ Strand Diameter)	No. of Cores x Nominal Cross Sectional Area #xmm²	Nominal Thickness of Insulation mm	Nominal Thickness of Sheath mm	Nominal Overall Diameter mm	Nominal Weight kg/km
16(30/30)	1x1.5	0.9	0.8	5.2	42
14(50/30)	1x2.5	0.9	0.8	5.7	54
12(56/28)	1x4	1	0.9	6.6	77
10(84/28)	1x6	1.1	0.9	7.3	102
8(80/26)	1x10	1.2	1	8.6	160
6(128/26)	1x16	1.2	1	9.6	210
4(200/26)	1x25	1.4	1.1	11.5	320
2(280/26)	1x35	1.4	1.1	12.8	420
1(400/26)	1x50	1.4	1.4	14.9	590
2/0(356/24)	1x70	1.4	1.4	17.2	810
3/0(485/24)	1x95	1.6	1.5	18.6	1020
4/0(614/24)	1x120	1.6	1.8	20.8	1285
300MCM (765/24)	1x150	1.8	1.8	23.1	1610
350MCM (944/24)	1x185	2	1.8	25.3	1940
500MCM(1225/24)	1x240	2.2	1.8	27.8	2480
-(1525/24)	1x300	2.4	2	31.2	3050
-(2013/24)	1x400	2.6	2.1	35.3	4035
-(1769/23)	1x500	2.8	2.2	38.8	4970
-(2257/23)	1x630	2.8	2.4	43.8	6510