

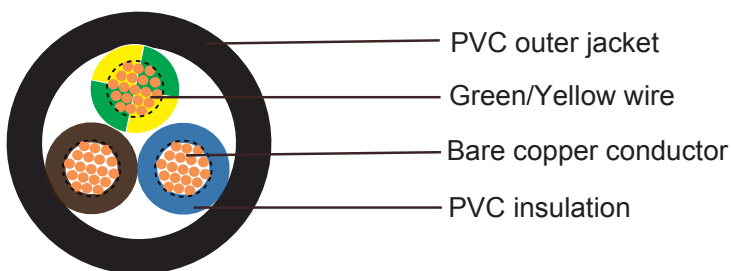


318A/3192A to BS 6004(Formerly BS 7919)

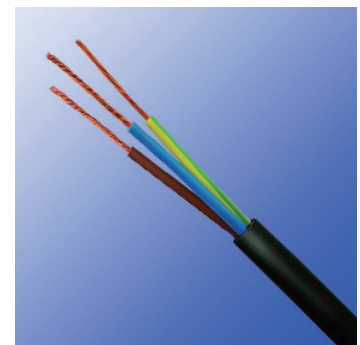
Application and Description

These cables are designed to withstand severe external temperatures and will remain flexible at temperatures down to -40°C. Making them particularly suitable for outdoor applications and for use where flexibility is required at sub zero temperatures. At normal temperatures the cable is very flexible, offering some of the characteristics usually found in elastomeric cables.,

Cable Construction



3183A

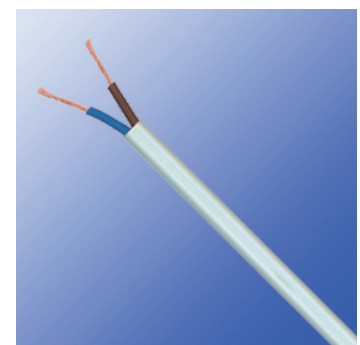


3183A

- Annealed copper conductor
- Stranding to BS 6360 CL-5 or IEC 60228 CL-5
- PVC core insulation TI 4 to EN 50363-3-1(formerly BS 7655-3-1)
- Green/Yellow grounding (3 conductors and above)
- PVC outer jacket Type 10 to BS7655-4-2
- Yellow or blue



3192A



3192A



Core Identification

2 Cores: Blue, Brown

3 Cores: Green/Yellow, Blue, Brown

4 Cores: Green/Yellow, Brown, Black, Grey or Green/Yellow, Blue, Brown, Black

5 Cores: Green/Yellow, Blue, Brown, Black, Grey

Technical Characteristics

- Working voltage: 300/500 volts
- Test voltage: 2000 volts
- Flexing bending radius: 6xOverall diameter
- Static bending radius: 4xOverall diameter
- Flexing temperature: -5° C to +70° C
- Static temperature: -40° C to +70° 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 Thickness of Sheath mm	Nominal Overall Diameter mm	Nominal Copper Weight kg/km	Nominal Weight kg/km
3192A						
18(24/32)	2x0.75	0.6	0.8	3.8x6.7	14.4	58
17(32/32)	2x1.0	0.6	0.8	4.0x6.9	19	66
3182A						
20(16/32)	2x0.50	0.6	0.8	6.1	9.6	46
18(24/32)	2x0.75	0.6	0.8	6.4	14.4	57
17(32/32)	2x1.0	0.6	0.8	6.8	19	65
16(30/30)	2x1.5	0.7	0.8	7.6	29	87
14(50/30)	2x2.5	0.8	1.0	9.2	48	134
12(56/28)	2x4.0	0.8	1.1	10.5	77	174
3183A						
18(24/32)	3x0.75	0.6	0.8	6.8	21.6	68
17(32/32)	3x1.0	0.6	0.8	7.2	29	79



Industrial Cables to British Standard

AWG (No of Strands/ Strand Diameter)	No. of Cores x Nominal Cross Sectional Area #xmm ²	Nominal Thickness of Insulation mm	Nominal Thickness of Sheath mm	Nominal Overall Diameter mm	Nominal Copper Weight kg/km	Nominal Weight kg/km
16(30/30)	3x1.5	0.7	0.9	8.2	43	111
14(50/30)	3x2.5	0.8	1.1	10.1	72	169
12(56/28)	3x4.0	0.8	1.2	11.3	115	233
3184A						
18(24/32)	4x0.75	0.6	0.8	7.4	29	84
17(32/32)	4x1.0	0.6	0.9	8.0	38	101
16(30/30)	4x1.5	0.7	1.0	9.2	58	142
14(50/30)	4x2.5	0.8	1.1	11.2	96	211
12(56/28)	4x4.0	0.8	1.2	12.5	154	292
3185A						
18(24/32)	5x0.75	0.6	0.9	8.5	36	106
17(32/32)	5x1.0	0.6	0.9	8.8	48	123
16(30/30)	5x1.5	0.7	1.1	10.5	72	176
14(50/30)	5x2.5	0.8	1.2	12.4	120	262
12(56/28)	5x4.0	0.8	1.4	13.7	192	369