

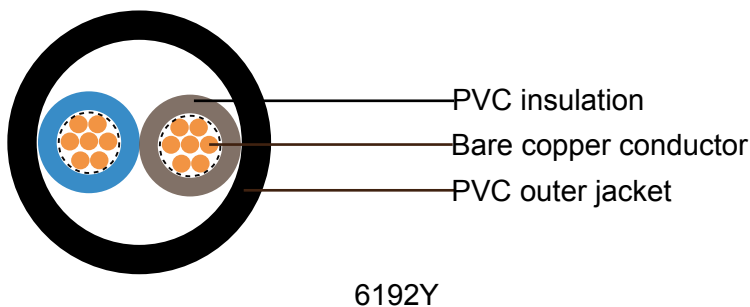


## **6192Y/ 6193Y to BS 6004**

### **Application and Description**

These cables are suitable for fixed installation in dry or damp premises on walls, boards or trays, in channels or embedded in plaster. They should be laid in conduit in conduit or trunking where mechanical protection is required.

### **Cable Construction**



- Fine bare copper strands
- Stranding to BS 6360, IEC 60228 Class 1 or 2
- PVC insulation type TI1 to BS 7655
- PVC sheath type T6 to BS 7655

### **Core Identification**

2 cores: brown and blue

3 cores: brown, black and grey

### **Technical Characteristics**

- Working voltage: 300/500v
- Test voltage: 2000 volts
- Minimum bending radius: 4xOverall diameter
- Operating temperature: -15° C to +70° C
- Short circuit temperature: +160° 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 <sup>2</sup>	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Nominal overall dimensions		Nominal Weight kg/km
				lower limit mm	upper limit mm	
6192Y						
17	2 × 1.0	0.6	0.9	4x6.2	4.7x7.4	53
16	2 × 1.5	0.7	0.9	4.4x7.0	5.4x8.4	70
14	2 × 2.5	0.8	1	5.2x8.4	6.2x9.8	105
12(7/20)	2 × 4	0.8	1	6x10.4	7.2x11.5	150
10(7/18)	2 × 6	0.8	1.1	6.8x11.5	8.0x13.0	205
8(7/16)	2 × 10	1	1.2	7.8x15.1	9.6x16	325
6(7/14)	2 × 16	1	1.3	9.8x17.2	11.0x18.5	465
6193Y						
17	3 × 1.0	0.6	0.9	4x8.4	4.7x9.8	77
16	3 × 1.5	0.7	0.9	4.4x9.8	5.4x11.5	100
14	3 × 2.5	0.8	1	5.2x11.5	6.2x13.5	150
12(7/20)	3 × 4	0.8	1.1	6x14.8	7.4x16.5	230
10(7/18)	3 × 6	0.8	1.1	6.8x16.5	8.0x18.0	300
8(7/16)	3 × 10	1	1.2	7.8x21.0	9.6x22.5	485
6(7/14)	3 × 16	1	1.3	9.8x24.8	11.0x26.5	700