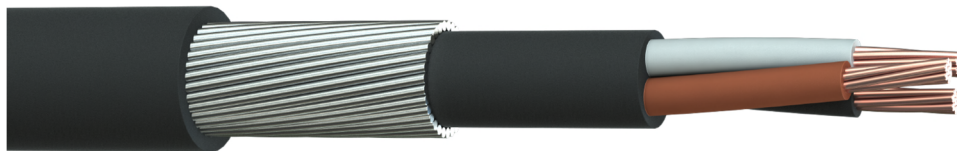


**Description:** Multicore low voltage power and control cable that features cross linked insulation, heavy galvanised steel wire armour and black UV stable LSHF jacket. Suitable for internal/external applications and direct burial.



### Construction

Conductor Material : Bare Copper, Class 2  
 Insulation Material : Cross-Linked Polyethylene (XLPE)  
 Bedding Material : Low Smoke Halogen Free (LSHF)  
 Armour : Helical Galvanised Steel Wire (SWA)  
 Sheath Material : Low Smoke Halogen Free, Black (LSHF)  
 Core Identification : 2 core – Blue, Brown  
                                   : 3 core – Brown, Black, Grey  
                                   : 4 core – Brown, Blue, Black, Grey  
                                   : 5 core – Blue, Brown, Black, Grey, Green/Yellow  
   Or White cores with black numbers  
                                   : 7 core and above - White Cores with Black Numbers

### Electrical Characteristics

Conductor Resistance : BS EN 60228  
 Working Voltage : 0.6/1kV

### Physical Characteristics

Overall Diameter : See Table  
 Bend Radius : Circular Conductor 6 x OD, Shaped Conductor 8 x OD  
 Temperature Rating : -15°C to +90°C  
 Weight : See Table

### Standards

Flame Retardant : BS EN 60332-1-2, 50266-2  
 Smoke Emissions : BS EN 61034-2  
 Halogen Emissions : BS EN 50267-2-1&3  
 RoHS2 Compliant : Yes

Part No.	Size No. x mm <sup>2</sup>	Weight kg/km	Dia. Over Bedding	O/D mm
72400102E	2 x 1.5	250	6.9	10.8
72400103E	3 x 1.5	280	8.0	12.0
72400104E	4 x 1.5	310	8.1	12.0
72400105E	5 x 1.5	360	8.9	13.0
72400105AUX	5 x 1.5	360	8.9	13.0
72400107	7 x 1.5	420	9.7	13.8
72400202E	2 x 2.5	320	8.2	12.3
72400203E	3 x 2.5	350	9.0	13.0
72400204E	4 x 2.5	400	9.6	13.7
72400205E	5 x 2.5	460	10.6	14.7
72400205AUX	5 x 2.5	460	10.6	14.7
72400207	7 x 2.5	540	11.6	15.7
72400402E	2 x 4	380	9.3	13.4
72400403E	3 x 4	450	10.0	15.0
72400404E	4 x 4	510	10.9	15.0

Part No.	Size	Weight kg/km	Dia. Over Bedding	O/D mm
72400405E	5 x 4	610	12.1	16.9
72400405AUX	5 x 4	610	12.1	16.9
72400407	7 x 4	810	13.2	18.2
72400602E	2 x 6	460	10.4	14.5
72400603E	3 x 6	550	11.0	16.0
72400604E	4 x 6	730	12.3	17.3
72400605E	5 x 6	840	13.6	18.6
72401002E	2 x 10*	570	12.4	16.7
72401003E	3 x 10*	800	13.0	18.0
72401004E	4 x 10*	930	14.6	19.8
72401602E	2 x 16*	840	14.5	19.5
72401603E	3 x 16*	1110	15.0	21.0
72401604E	4 x 16*	1260	17.1	22.3

\*Circular or compacted circular stranded conductors (class 2)