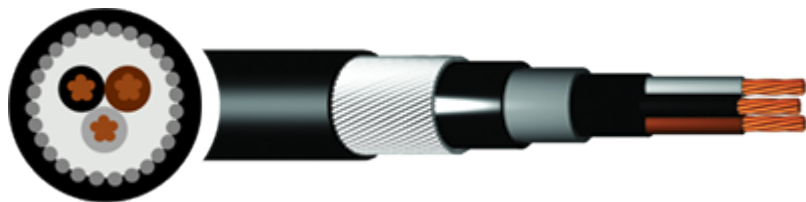


BS5467 3 Core Mains Cable 3.3kV - XLPE,SWA,PVC - 16mm - 400mm



Cleveland Cable Company stocks a large range of 3.3KV (3300V) 3 core mains cable available in sizes 16mm to 400mm and manufactured to British Standard BS5467. The 3 core mains cable is a medium voltage power cable designed to be buried for installation. The cable can also be used indoors and outdoors and in cable ducting.

Key Features



Installation Guidelines

Should not be installed at temperatures above +60°C



Voltage Rating

1900/3300 Volts



Minimum Bending Radius

As Per Manufacturers Datasheet



Flame Retardancy

BS EN 60332-1-2



Temperature Limits

Ambient Temperature, Fixed -20°C to +90°C

Construction

- **Conductor:** Class 2 stranded copper conductor acc BS EN 60228 (previously BS 6360)
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Bedding:** Polyvinyl Chloride (PVC)
- **Sheath:** PVC (Polyvinyl Chloride)
- **Armour:** Steel Wire Armour (SWA)

Standards

- BS 5467, Flame propagation: BS EN/IEC 60332

Core Colours

3 Core: Brown Black Grey

BS5467 3 Core Mains Cable 3.3kV - XLPE,SWA,PVC - 16mm - 400mm - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)	Nylon Cleat Size	Gland Size
XLPE3X16/3	16	3	7/1.70	29.5	1600	1.2	32
XLPE3X25/3	25	3	7/2.14	32.3	2060	1.4	32
XLPE3X35/3	35	3	7/2.52	35	2330	1.4	40
XLPE3X50/3	50	3	19/1.78	34.9	3040	1.4	40
XLPE3X70/3	70	3	19/2.14	38	3800	1.6	40
XLPE3X95/3	95	3	19/2.52	41.4	4730	1.8	50S
XLPE3X120/3	120	3	37/2.03	45.6	6070	1.8	50S
XLPE3X150/3	150	3	37/2.25	48.3	7010	2	50
XLPE3X185/3	185	3	37/2.52	51.6	8270	TC9	50
XLPE3X240/3	240	3	61/2.25	56.5	10310	TC9	63S
XLPE3X300/3	300	3	61/2.52	60.7	12300	TC10	63
XLPE3X400/3	400	3	61/2.85	65.8	14780	TC11	75S

Multicore armoured 90 °C thermosetting insulated cables. Reproduced from BS7671:2018 Wiring Regulations

TABLE 4E4A

CURRENT-CARRYING CAPACITY (amps)

Ambient temperature: 30°C
Ground ambient temperature: 20°C
Conductor operating temperature: 90°C

Conductor cross- sectional area	Reference Method C (clipped direct)		Reference Method E (in free air or on a perforated cable tray etc, horizontal or vertical)		Reference Method D (direct in ground or in ducting in ground, in or around buildings)	
	1 two-core cable single-phase AC or DC	1 three- or 1 four- core cable, three- phase AC	1 two-core cable single-phase AC or DC	1 three- or 1 four- core cable, three- phase AC	1 two-core cable single-phase AC or DC	1 three- or 1 four- core cable, three- phase AC
mm2	(A)	(A)	(A)	(A)	(A)	(A)
1.5	27	23	29	25	25	21
2.5	36	31	39	33	33	28
4	49	42	52	44	43	36
6	62	53	66	56	53	44
10	85	73	90	78	71	58
16	110	94	115	99	91	75
25	146	124	152	131	116	96
35	180	154	188	162	139	115
50	219	187	228	197	164	135
70	279	238	291	251	203	167
95	338	289	354	304	239	197
120	392	335	410	353	271	223
150	451	386	472	406	306	251
185	515	441	539	463	343	281
240	607	520	636	546	395	324
300	698	599	732	628	446	365
400	787	673	847	728		

1.Where it is intended to connect the cables in this table to equipment or accessories designed to operate at a temperature lower than the maximum operating temperature of the cable, the cables should be rated at the maximum operating temperature of the equipment or accessory (see Regulation 512.1.5).
2.Where it is intended to group a cable in this tablewith other cables, the cable should be rated at the lowest of the maximum operating temperatures of any of the cables in the group (see Regulation 512.1.5).

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.

For more information contact: 01642 241 133

