

XLPE/PVC/AWA/PVC (COPPER) BS5467

Single core plain annealed copper conductor to IEC60228, XLPE insulated to IEC60502/PVC extruded bedded to IEC60502/ Aluminium wire armoured to IEC60502/PVC sheathed to IEC60502 600/1000 volts grade to BS5467
Flame retardant to IEC60332

Applications: Power cable suitable for power networks, underground, outdoors, indoors and in cable ducts

| SIZE SQ.MM | MAXIMUM DIAMETER OVER CONDUCTOR MM | RT OF INSULATION MM | DIAMETER OVER CORE MM | RT OF BEDDING MM | DIAMETER OVER BEDDING MM | DIAMETER OF ARMOUR WIRE MM | DIAMETER OVER ARMOUR MM | APPROX OVERALL DIAMETER MM | WEIGHT KG/KM |
|------------|------------------------------------|---------------------|-----------------------|------------------|--------------------------|----------------------------|-------------------------|----------------------------|--------------|
| 50 | 8.90 | 1.0 | 10.9 | 0.8 | 12.6 | 0.9 | 14.5 | 17.5 | 708 |
| 70 | 10.70 | 1.0 | 12.9 | 0.8 | 14.6 | 1.25 | 17.1 | 20.2 | 970 |
| 95 | 12.60 | 1.1 | 14.8 | 0.8 | 16.4 | 1.25 | 19.0 | 22.3 | 1240 |
| 120 | 14.21 | 1.2 | 16.7 | 0.8 | 18.4 | 1.25 | 21.0 | 24.2 | 1510 |
| 150 | 15.75 | 1.4 | 18.6 | 1.0 | 20.7 | 1.6 | 24.0 | 27.4 | 1930 |
| 185 | 17.64 | 1.6 | 20.9 | 1.0 | 23.0 | 1.6 | 26.3 | 30.0 | 2330 |
| 240 | 20.25 | 1.7 | 23.8 | 1.0 | 25.9 | 1.6 | 29.2 | 32.8 | 2900 |
| 300 | 22.68 | 1.8 | 26.4 | 1.0 | 28.5 | 1.6 | 31.8 | 35.6 | 3530 |
| 400 | 25.65 | 2.0 | 29.8 | 1.2 | 32.3 | 2.0 | 36.4 | 40.4 | 4690 |
| 500 | 28.80 | 2.2 | 33.3 | 1.2 | 35.8 | 2.0 | 39.9 | 44.2 | 5740 |
| 630 | 32.76 | 2.4 | 37.7 | 1.2 | 40.2 | 2.0 | 44.3 | 48.8 | 7150 |
| 800 | 37.05 | 2.6 | 42.4 | 1.4 | 45.3 | 2.5 | 50.4 | 55.4 | 9070 |
| 1000 | 41.60 | 2.8 | 47.3 | 1.4 | 50.2 | 2.5 | 55.3 | 60.6 | 11120 |

Conductor stranding: Class 2 - stranded circular or circular compacted.
Operating temperature: Maximum 90°C, Minimum bending 0 °C.
Conductor identification: Brown
Minimum bending radius: 6 x overall diameter

For current ratings refer to Table 4E3A

| BATT PART NUMBER TABLE | | | |
|------------------------|---------|------------|---------|
| SIZE SQ.MM | PART NO | SIZE SQ.MM | PART NO |
| 25 | | 240 | 56445 |
| 50 | 56439 | 300 | 56446 |
| 70 | 56440 | 400 | 56447 |
| 95 | 56441 | 500 | 56448 |
| 120 | 56442 | 630 | 56449 |
| 150 | 56443 | 800 | 56450 |
| 185 | 56444 | 1000 | 56451 |

| GLAND SELECTION TABLE | | | | | |
|-----------------------|-----------------|-------------|------------|-----------------|-------------|
| SIZE SQ.MM | GLAND TYPE/SIZE | PART NUMBER | SIZE SQ.MM | GLAND TYPE/SIZE | PART NUMBER |
| 50 | CWA 20 | 88469 | 240 | CWA 40 | 88391 |
| 70 | CWA 25 | 88389 | 300 | CWA 40 | 88391 |
| 95 | CWA 25 | 88389 | 400 | CWA 50S | 88393 |
| 120 | CWA 25 | 88389 | 500 | CWA 50S | 88393 |
| 150 | CWA 32 | 88697 | 630 | CWA 50S | 88393 |
| 185 | CWA 32 | 88697 | 800 | CWA 63S | 88395 |
| | | | 1000 | CWA 63 | 88396 |



CW Aluminium indoor or outdoor glands.

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