

XLPE 3.3KV Copper

3.3KV 3 CORE XLPE/PVC/SWA + 50% /PVC (COPPER) BS5467 & M+Q

3 core, plain annealed copper conductors, XLPE insulated/PVC extruded bedded/Steel wire armoured + 50% Conductivity/PVC sheathed. 1900/3300 volts grade to BS5467.

SIZE SQ.MM	CLASS OF CONDUCTOR	NOMINAL DIAMETER OVER LAID UP 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	BATT CABLES PART NUMBER
16	2	19.8	1.0	21.9	1.6	25.2	28.9	1780	55127
25	2	23.1	1.0	25.2	1.6	28.5	32.2	2280	56180
35	2*	25.7	1.0	27.8	1.6	31.1	35.0	2770	56280
50	2S	24.0	1.2	26.5	2.0	30.6	34.7	3220	56262
70	2S	27.1	1.2	29.6	2.0	33.7	38.0	4020	56275
95	2S	30.2	1.2	32.7	2.0	36.8	41.4	4960	56276
120	2S	32.9	1.4	35.8	2.5	40.9	45.7	6300	56277
150	2S	35.3	1.4	38.3	2.5	43.5	48.5	7380	56286
185	2S	42.9	1.4	41.5	2.5	46.7	51.9	8640	56178
240	2S	42.9	1.6	46.3	2.5	51.5	56.9	10660	56179
300	2S	47.0	1.6	50.4	2.5	55.6	61.2	12670	56116
400	2S	52.1	1.6	55.4	2.5	60.6	66.6	15960	56117

GLAND TABLE	
SIZE SQ.MM	GLAND TYPE/SIZE
16	CW-CIEL32
25	CW-CIEL32
35	CW-CIEL40
50	CW-CIEL40
70	CW-CIEL40
95	CW-CIEL50S
120	CW-CIEL50S
150	CW-CIEL50
185	CW-CIEL50
240	CW-CIEL63S
300	CW-CIEL63
400	CW-CIEL75S

CW-CIEL Glands (Cast Integral Earth Lug)

Particularly suitable for HV circuit breaker protected circuits and designed to meet the requirements of the IEE and power industry earthing regulations.

Conductor Stranding : Class 2 stranded

- 2S shaped conductors
- 2* shaped or circular or circular compacted conductors
- 2 circular or circular compacted conductors.

Operating temperature: Maximum 90°C Minimum bending 0°C

Insulation thickness: 2.0mm

Minimum bending radius: 8 x overall diameter.

Conductor identification: Red, Yellow, Blue.

Date created: 02.04.2003

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