

### XLPE/LC/PVC/SWA/PVC EEMUA 1900/3300V

Plain annealed copper conductors, XLPE insulated/PVC/Lead Alloy 'E' sheathed/PVC extruded bedded/  
Steel wire armoured/PVC sheathed. 1900/3300 volts grade to EEMUA133 (where applicable).

#### THREE CORE EEMUA133 1900/3300V

SIZE SQ.MM	DIAMETER OVER LAID UP CORES MM	RADIAL THICKNESS OF LEAD MM	DIAMETER OVER LEAD 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 PART NO
16	19.8	1.3	22.5	1.0	24.6	1.6	27.9	31.6	2950	
25	23.1	1.4	26.0	1.0	28.1	1.6	31.4	35.1	3700	71075
35	26.0	1.5	29.0	1.0	31.0	1.6	34.3	38.2	4400	71101
50	24.0	1.4	26.9	1.2	29.4	2.0	33.5	37.6	4800	71109
70	27.1	1.5	30.2	1.2	32.7	2.0	36.8	41.1	5800	
95	30.2	1.6	33.5	1.2	36.0	2.0	40.1	44.6	7100	71110
120	32.9	1.7	36.4	1.4	39.3	2.5	44.4	49.1	8700	
150	35.3	1.8	39.0	1.4	41.9	2.5	47.0	51.9	10100	
185	38.5	1.9	42.4	1.4	45.3	2.5	50.4	55.5	11700	
240	42.9	2.0	47.0	1.6	50.3	2.5	55.4	60.7	14200	
300	47.0	2.1	51.3	1.6	54.6	2.5	59.7	65.2	16800	
400	52.1	2.3	56.8	1.6	60.1	2.5	65.2	71.1	20900	

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

**Conductor Stranding:** BS6360 Class 2 stranded copper  
16 sqmm circular or circular compacted conductors.  
25sqmm - 35sqmm shaped or circular or circular compacted conductors.  
50sqmm - 400sqmm shaped conductors.

(Dimensions and weights based on circular.)

**Minimum bending radius:** 12 x overall diameter

**Radial thickness of insulation:** 2.0mm

**Conductor Identification:** Brown, Black & Grey

For approximate conductor and armour resistance, and percentage conductivity refer to technical section

For current ratings, refer to TableBEC105.

EEMUA - The Engineering Equipment and Materials Users Association.



[www.batt.co.uk](http://www.batt.co.uk)

[battindustrial.sales@batt.co.uk](mailto:battindustrial.sales@batt.co.uk)