

## EEMUA 133 Multicore (XLPE)

### XLPE/LC/PVC/SWA/PVC EEMUA 600/1000V (Continued)

Plain annealed copper conductors, XLPE insulated/Lead Alloy 'E' sheathed/PVC extruded bedded/ Steel wire armoured/PVC sheathed. 600/1000 volts grade to EEMUA133 (where applicable).

#### NINETEEN CORE EEMUA133

SIZE SQ.MM	DIAMETER OVER LAID UP CORES MM	RT OF LEAD MM	DIAMETER OVER LEAD MM	RT OF BEDDING MM	DIAMETER OVER BEDDING MM	DIAMETER OF ARMOUR WIRE MM	DIAMETER OVER ARMOUR WIRE MM	NOMINAL OVERALL DIAMETER MM	WEIGHT KG/KM	GLAND TYPE/SIZE
1.5	15.2	1.2	17.7	1.0	19.8	1.25	22.4	25.7	1950	E2FW25
2.5	17.2	1.2	19.7	1.0	21.8	1.6	25.1	28.6	2500	E2FW32

#### TWENTY SEVEN CORE EEMUA133

1.5	18.6	1.3	21.3	1.0	23.4	1.6	26.7	30.4	2750	E2FW32
2.5	21.1	1.3	23.8	1.0	25.9	1.6	29.2	32.9	3300	E2FW32

#### THIRTY SEVEN CORE EEMUA133

1.5	21.2	1.3	23.9	1.0	26.0	1.6	29.3	33.0	3200	E2FW32
2.5	24.0	1.4	26.9	1.0	29.0	1.6	32.3	36.0	4000	E2FW40

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

**Conductor Stranding:** Class 2 stranded copper:

2 circular or circular compacted conductors.

2\* shaped or circular conductors or circular compacted conductors.

2S shaped conductors.

EEMUA 133 cables five cores and above as shown have either circular or circular compacted conductors.

(Dimensions and weights based on circular.)

**Radial thickness of insulation:** 1.5 sqmm - 0.6mm, 2.5sqmm - 0.7mm

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

**Conductor Identification:**

- Two Core - Red & Black
- Three Core - Red, Yellow & Blue
- Four Core - Red, Yellow, Blue & Black
- Five Core & above - Numbered cores.

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