

EEMUA 133 0,6/1kV

XLPE insulate low voltage cable with a lead inner sheath, steel wired armour and PVC outer sheath



Application

The EEMUA cables are used for mains supply on low voltage systems. The cable consists of an XLPE insulation and a lead sheath. The lead sheath provides resistance to aromatic hydrocarbons which makes it suitable for underground insulation and use in the oil, gas and petrochemical industry. The steel wire armour provides mechanical protection once installed and there is an overall PVC outer sheath.

Construction

Conductor	: Plain Annealed Stranded Copper Conductors
Insulation	: XLPE (Cross-linked polyethylene)
Bedding	: PVC (Polyvinyl chloride)
Chemical protection	: Lead sheathed
Inner sheath	: PVC
Armouring	: SWA (Galvanised Steel Wire Armour)
Outer Sheath	: PVC (Polyvinyl chloride)
Rated voltage	: 0.6/1 kV

Core identification

2 cores	: Brown, blue
3 cores	: Brown, black, grey
4 cores	: Brown, black, grey, blue
5 cores	: Green/Yellow Brown Blue Black Grey
Alternative Core Identification	: White cores with Black numbers

Outer Sheath Colours

Available colours	: Black
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Installation recommendations

Minimum Bending Radius	: 12xD
Operating temperature limits	: -15 °C to 90°C

* This cable should not be installed at temperatures below 0°C or above 60°C

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Standards applied

EEMUA 133 / BS5467
BS EN 60332-1
BS EN 50266-2
BS EN 50266-2-4

Volts grade
Flame propagation
Bunched cables

Range and Dimensions

Article Code	Conduct or Size (mm ²)	Stranding (mm)	No. of cores	Approx. weight (kg/km)	Overall diameter (mm)	Gland Size (mm)	Nylon Cleat Size (mm)
P1202C1.5BWWBK4	1.5	7 / 0.53	2	690	15	20	0.6
P1203C1.5BBABK4	1.5	7 / 0.53	3	750	15.5	20	0.7
P1204C1.5BBCBK4	1.5	7 / 0.53	4	810	16	20	0.7
P1205C1.5BBDBK4	1.5	7 / 0.53	5	895	16.8	20	0.7
P1207C1.5BAABK4	1.5	7 / 0.53	7	1072	17.7	20	0.7
P1212C1.5BAABK4	1.5	7 / 0.53	12	1387	22.3	25	0.9
P1219C1.5BAABK4	1.5	7 / 0.53	19	1686	24.8	25	1.0
P1227C1.5BAABK4	1.5	7 / 0.53	27	2418	30	32	1.2
P1237C1.5BAABK4	1.5	7 / 0.53	37	2580	32.7	32	1.4
P1202C2.5BWWBK4	2.5	7 / 0.67	2	800	16	20	0.7
P1203C2.5BBABK4	2.5	7 / 0.67	3	870	16.5	20	0.7
P1204C2.5BBCBK4	2.5	7 / 0.67	4	950	17.5	20	0.7
P1205C2.5BBDBK4	2.5	7 / 0.67	5	1038	18.4	20	0.8
P1207C2.5BAABK4	2.5	7 / 0.67	7	1180	20	20	0.8
P1212C2.5BAABK4	2.5	7 / 0.67	12	1750	24.5	25	1.0
P1219C2.5BAABK4	2.5	7 / 0.67	19	2450	29	32	1.2
P1227C2.5BAABK4	2.5	7 / 0.67	27	3100	33	32	1.4
P1237C2.5BAABK4	2.5	7 / 0.67	37	3720	36	40	1.6
P1205C004BBDBK4	4.0	7 / 0.85	5	1014	20.6	40	0.9
P1207C004BAABK4	4.0	7 / 0.85	7	1110	21.5	25	0.9
P1205C004BBDBK4	4.0	7 / 0.85	2	920	17.5	20	0.7
P1207C004BAABK4	4.0	7 / 0.85	3	1000	17.5	20	0.7
P1204C004BBCBK4	4.0	7 / 0.85	4	1110	19	25	0.8
P1202C006BWWBK4	6.0	7 / 1.04	2	1020	18	20	0.8
P1203C006BBABK4	6.0	7 / 1.04	3	1150	19	25	0.8
P1204C006BBCBK4	6.0	7 / 1.04	4	1400	20.5	25	0.9
P1202C010BWWBK4	10.0	7 / 1.35	2	1250	20	25	0.8
P1203C010BBABK4	10.0	7 / 1.35	3	1530	22	25	0.9
P1204C010BBCBK4	10.0	7 / 1.35	4	1720	23	25	1.0
P1202C016BWWBK4	16.0	7 / 1.70	2	1630	23	25	1.0
P1203C016BBABK4	16.0	7 / 1.70	3	1880	24	25	1.0
P1204C016BBCBK4	16.0	7 / 1.70	4	2150	26	32	1.1
P1202C025BWWBK4	25	7 / 2.14	2	2094	27.1	32	1.1
P1203C025BBABK4	25	7 / 2.14	3	2740	30	32	1.2
P1204C025BBCBK4	25	7 / 2.14	4	3160	32	32	1.4
P1202C035BWWBK4	35	19 / 1.53	2	2868	31.9	32	1.4
P1203C035BBABK4	35	19 / 1.53	3	3205	32	32	1.4
P1204C035BBCBK4	35	19 / 1.53	4	3840	34.5	40	1.4
P1202C050BWWBK4	50	19 / 1.78	2	2783	28.1	32	1.2
P1203C050BBABK4	50	19 / 1.78	3	3655	33.5	40	1.6
P1204C050BBCBK4	50	19 / 1.78	4	4530	37	40	1.6
P1202C070BWWBK4	70	19 / 2.14	2	3566	31.1	32	1.4
P1203C070BBABK4	70	19 / 2.14	3	4675	37.5	40	1.6
P1204C070BBCBK4	70	19 / 2.14	4	6175	43	50S	1.8
P1202C095BWWBK4	95	19 / 2.52	2	4678	35.1	40	1.4
P1203C095BBABK4	95	19 / 2.52	3	6180	42.5	50S	1.8
P1204C095BBCBK4	95	19 / 2.52	4	7695	47	50	2.0
P1202C120BWWBK4	120	37 / 2.03	2	5641	38.5	50S	1.6
P1203C120BBABK4	120	37 / 2.03	3	7390	46	50	2.0
P1204C120BBCBK4	120	37 / 2.03	4	9730	53	63S	TC9
P1202C150BWWBK4	150	37 / 2.25	2	6660	41.8	50S	1.8
P1203C150BBABK4	150	37 / 2.25	3	9300	52	50	TC9
P1204C150BBCBK4	150	37 / 2.25	4	11530	58.5	63S	TC10

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P1202C185BWVWBK4	185	37 / 2.52	2	8457	47.1	50	2.0
P1203C185BBABK4	185	37 / 2.52	3	10980	56.5	63S	TC9
P1204C185BBCBK4	185	37 / 2.52	4	14160	65	63	TC11
P1202C240BWVWBK4	240	61 / 2.25	2	10286	52.3	50	TC9
P1203C240BBABK4	240	61 / 2.25	3	13815	63	63	TC10
P1204C240BBCBK4	240	61 / 2.25	4	17700	65.8	75S	TC11
P1202C300BWVWBK4	300	61 / 2.52	2	16519	64.1	63	TC11
P1203C300BBABK4	300	61 / 2.52	3	21173	71.5	75S	TC12

NOTICE

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