MULTIMAX® CF BL 331

1 • Stranded bare copper core, class 2 as per IEC 60228.
2 • Fire-resistant elastomer insulation.
3 • Separating tape.
4 • Bare copper braid armour.
5 • Outer sheath in cross-linked HFFR compound, type SHF1.

Characteristics

- Rated voltage: 600/1000 V.
- Test voltage: 3500 V.
- Continuous operating temperature: -30 °C to +80 °C.
- Maximum core temperature: +95 °C.
- Maximum core temperature in short-circuit: +250 °C.
- Minimum bending radius: 6 x D.

Standard products

- Outer sheath: orange.
- Colour identification of conductors:
  > 1 conductor: black or white.
  > 2 conductors: blue-brown.
  > 3 conductors: brown-black-grey or green/yellow-blue-brown.
  > 4 conductors: blue-brown-black-grey or green/yellow-brown-black-grey.
  > 5 conductors: blue-brown-black-grey-black or green/yellow-blue-brown-black-grey.
  > 7 to 37 conductors: numbered conductors.

Approvals - standards

- Fire-resistant as per IEC 60331-1 or IEC 60331-2: 120 minutes.
- Fire retardant as per IEC 60332-3-22.
- Flame retardant as per IEC 60332-1-2.
- Halogen free as per IEC 60754-1.
- No smoke corrosiveness as per IEC 60754-2.
- Low smoke opacity as per IEC 61034.
- Dimensions as per IEC 60092-353.
- Manufacture and test as per IEC 60092-350.
- BVM certification.

Applications

- Fixed installation on board ships.

Markings

- OMERIN 332 - MULTIMAX CF BL 331 0.6/1kV <cross-section> 95C IEC 60331 -<1or 2> (120) IEC 60332-3-22 <year>

Options

- FLEX series (flexible tin-plated copper core, class 5 as per IEC 60228 and tin-plated copper braid armour).
- Outer sheath in cross-linked HFFR compound, type SHF2.

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LES CABLES DE L'EXTREME

CORE	SHEATH		CORE	SHEATH	
Nominal cross-section [1] (mm²)	Nominal outside diameter (mm)	Approximate linear weight (kg/km)	Nominal cross-section [1] (mm²)	Nominal outside diameter (mm)	Approximate linear weight (kg/km)
1 x 1.0	6.5	65	4 x 1.0	11.7	180
1 x 1.5	6.8	75	4 x 1.5	12.4	200
1 x 2.5	7.2	90	4 x 2.5	13.5	260
1 x 4	7.8	110	4 x 4	15.6	380
1 x 6	8.6	140	4 x 6	17.1	480
1 x 10	9.6	190	4 x 10	19.9	680
1 x 16	10.6	250	4 x 16	22.5	950
1 x 25	12.0	360	4 x 25	25.8	1380
1 x 35	13.1	470	4 x 35	28.7	1810
1 x 50	15.5	690	4 x 50	33.2	2510
1 x 70	16.9	890	4 x 70	36.9	3410
1 x 95	19.2	1170			
1 x 120	20.8	1430	5 x 1.0	12.6	200
1 x 150	22.9	1750	5 x 1.5	13.5	240
1 x 185	26.8	2100	5 x 2.5	15.3	350
1 x 240	29.6	2670	5 x 4	17.1	450
1 x 300	32.7	3280	5 x 6	18.6	570
			5 x 10	21.9	820
2 x 1.0	10.1	120	5 x 16	24.8	1150
2 x 1.5	10.7	140	5 x 25	28.4	1690
2 x 2.5	11.8	180	5 x 35	31.6	2220
2 x 4	13.0	220	5 x 50	36.9	3090
2 x 6	14.7	310			
2 x 10	17.1	420	7 x 1.0	14.3	280
2 x 16	19.2	570	7 x 1.5	15.1	330
2 x 25	21.8	800	7 x 2.5	16.6	430
2 x 35	24.2	1030	10 x 1.0	17.9	390
2 x 50	28.2	1420	10 x 1.5	19.1	470
2 x 70	30.8	1840	10 x 2.5	21.1	610
2 x 95	35.2	2410	12 x 1.0	18.4	430
2 x 120	39.2	3060	12 x 1.5	19.6	530
2 x 150	43.2	3730	12 x 2.5	21.4	680
			14 x 1.0	19.3	480
3 x 1.0	10.6	145	14 x 1.5	20.8	590
3 x 1.5	11.3	170	14 x 2.5	23.0	770
3 x 2.5	12.5	210	19 x 1.0	21.5	600
3 x 4	14.4	310	19 x 1.5	23.0	740
3 x 6	15.1	390	19 x 2.5	25.6	980
3 x 10	18.2	550	24 x 1.0	25.0	740
3 x 16	20.6	760	24 x 1.5	27.0	920
3 x 25	23.4	1080	24 x 2.5	29.9	1220
3 x 35	26.0	1410	27 x 1.0	25.7	810
3 x 50	30.0	1950	27 x 1.5	27.5	990
3 x 70	32.8	2550	27 x 2.5	30.5	1330
3 x 95	38.2	3480	37 x 1.0	28.8	1030
3 x 120	42.0	4270	37 x 1.5	30.9	1270
3 x 150	46.3	5230	37 x 2.5	34.4	1730

[1] Multi-conductor cables with an earth wire are identified by the symbol G in the place of the "x" (ex: 3G 1.5 mm²).

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For an optimum use of the cables produced by our company, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories.
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