


LKSM-EMC Armoured power and control cable with improved EMC screening 0,6/1kV



DESIGN:	STANDARDS:
1. Conductor -stranded copper conductor 1,5-10mm ² -stranded copper conductor 16-150mm ²	IEC 60092-353, design IEC 60228, class 2 IEC 60228, class 5
2. Insulation - XLPE plastic	IEC 60092-351
3. Bedding - filler tape	
4. Screen - copper tape, coverage 100%	
5. Armour - copper wire braid, coverage > 90%	IEC 60092-350
6. Sheath - polyolefine plastic, SHF1 - standard colour black, other colours on request	IEC 60092-359

Flame-retardant	<input checked="" type="checkbox"/>
Fire-resistant	<input type="checkbox"/>
Halogen-free	<input checked="" type="checkbox"/>
Low smoke emission	<input checked="" type="checkbox"/>

Application: For fixed installation in most areas and on open deck in ships.
Design to meet requirements for improved **EMC** screening properties.

Main characteristics

Rated voltage	AC 0,6/1kV (1,2kV) DC 0,9/1,5kV (if voltage to earth does not exceed 0,9kV)
Maximum conductor temperature	+ 90 °C
Flame-retardant	IEC 60332-1-2 -test for single insulated wire and cable IEC 60332-3-22 -test for bunched wires and cables, category A
Halogen-free	IEC 60754 series
Smoke emission	IEC 61034 series
Transfer impedance	IEC 61196-1 (typical value 26dB over 1mΩ/m at 100MHz [20mΩ/m])

For details see general information section

Minimum recommended installation temperature -15 °C

Lowest operation temperature -40 °C

Core identification: See technical information section.
Cable with yellow/green protective earth (PE) conductor on request

Identification: Lot number, cable type, cable size, voltage, temperature, standards, production month, manufacturer's name and meter marking printed on the sheath

LKSM-EMC 0,6/1kV	Number of conductors & cross-section n x mm ²	Cross-section of armour mm ²	Nominal outer diameter mm	Approximate weight kg/km	Current Rating A at +45°C	Min. bending radius fixed installation mm
Part number						
27480	2x1,5	3,6	10,0	140	20	60
27481	2x2,5	4,1	10,5	170	26	65
27482	2x4	4,6	12,0	240	34	70
27483	2x6	5,1	13,0	335	44	80
27484	2x10	8,5	16,0	525	61	95
27485	2x16	11,4	18,5	715	80	110
27486	2x25	12,4	23,0	1030	105	140
27487	2x35	14,7	25,5	1325	130	155
26861	3x1,5	3,8	10,5	170	16	60
26863	3x2,5	4,3	11,5	210	21	70
26865	3x4	5,0	12,5	280	28	75
26867	3x6	5,6	14,0	390	36	85
26869	3x10	8,9	16,5	620	50	100
26872	3x16	10,9	19,5	825	66	120
26874	3x25	14,6	24,5	1230	86	145
26876	3x35	15,1	27,0	1575	107	160
26878	3x50	18,3	32,0	2190	137	195
26880	3x70	22,0	36,5	2950	168	220
26882	3x95	22,9	42,0	3805	199	250
26884	3x120	37,9	47,0	4875	232	285
26886	3x150	39,4	53,0	6035	267	320
26942	4x1,5	4,3	11,0	200	16	65
26944	4x2,5	4,7	12,5	255	21	75
26946	4x4	5,5	13,5	335	28	80
26948	4x6	8,5	15,5	500	36	95
26950	4x10	9,9	18,5	750	50	110
26952	4x16	12,0	22,0	1010	66	130
26954	4x25	14,8	27,0	1495	86	160
26956	4x35	18,2	29,5	1955	107	180
26958	4x50	19,6	35,5	2700	137	215
26960	4x70	22,6	40,0	3655	168	240
26962	4x95	37,9	47,5	4915	199	285
26964	4x120	39,4	52,5	6070	232	315
26966	4x150	43,7	59,0	7580	267	355
27488	5x1,5	4,7	12,1	240	13	75
27495	7x1,5	5,1	13,1	285	12	80
27497	10x1,5	9,9	16,8	432	11	100
27499	12x1,5	10,0	17,2	473	10	100
25701	14x1,5	10,1	18,0	523	9	110
27503	16x1,5	10,7	21,4	780	12	115
27505	19x1,5	11,4	22,6	890	11	120
27507	24x1,5	13,6	23,4	835	8	140
27508	24x2,5	15,3	26,3	1125	11	155

