

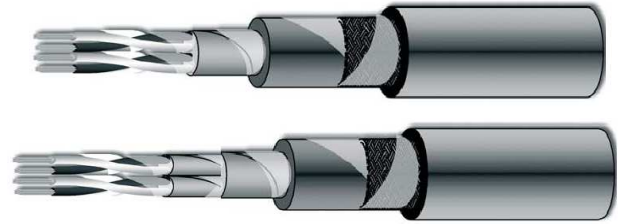
150/250 V XLPE insulated LSZH instrument cables individually and/or overall shielded, tinned copper wire braid armoured, with tinned copper conductor



RE4XOHH2M1
TCu/XLPE/OS/LSZH/TCWB/LSZH

RE4XHOHH2M1
TCu/XLPE/IS/OS/LSZH/TCWB/LSZH

Drawing are not to scale and do not represent detailed images of the respective product



Standards:

CEI EN 50363-0:	Insulating, Sheathing and covering materials for low-voltage energy cables.
IEC 60228:	Conductors of insulated cables
IEC 60092-350:	Electrical Installations in ships Part 350: General construction and test methods of power, control and instrumentation cables for shipboard and offshore applications
IEC 60092-376:	Electrical Installations in ships Part 376: Cables for control and instrumentation circuits 150/250 V (300V)
IEC 60332-1:	Tests on electric and optical fiber cables under fire conditions. Part 1-2: Test for vertical flame propagation for a single insulated wire or cable. Procedure for 1 kW pre-mixed flame
IEC 60332-3:	Tests on electric cables under fire conditions – Part 3-22: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category A
IEC 60754-1/2:	Tests on gases evolved during combustion of materials from cables Part 1: Determination of the amount of halogen acid gas. Part 2: Determination of degree of acidity of gases evolved during the combustion of materials taken from electric cables by measuring pH and conductivity.
IEC 61034-1/2:	Measurement of smoke density of cables burning under defined conditions Part 1: Test apparatus Part 2: Test procedure and requirements

Technical Data

Max. cond. temperature	:	90°C
Max. cond. short circuit temperature	:	250°C
Rated voltage	:	150/250 V
Min. bending radius	:	10 x D
D	:	Cable outer diameter

Application

Is suitable as signal and/or control cable in particular for off-shore applications.
The screening, imparts electrostatic protection to pairs/triples and cable.

Construction

1. Tinned Stranded copper conductor Cl.2 IEC 60228
2. XLPE insulation, Type XLPE IEC 60092-351, Type E4 CEI EN 50363-0, White/Black
3. Cores lay-up in pairs or triples + lay-up of pairs or triples
4. (If required) Individual Al/PET shield + Tinned Copper drain wire 0,34mm²/ 0,5mm²/ 0,75mm² as applicable
5. Overall Al/PET shield + Tinned Copper drain wire 0,34mm²/ 0,5mm²/ 0,75mm²
6. LSZH inner sheath
7. Tinned Copper wire braid armour, coverage density 90% – IEC 60092-350
8. LSZH outer jacket type SHF1 IEC 60092-359, type M1 CEI EN 50363-0, Black
Hydrocarbon resistant as per CEI 20-34/0
UV Resistant

Technical Table

CCE Part No	LB Part No	Cable Code 150/250 V	Size [n1 x n2 x mm ²]	Approx Outer Diameter [mm]	DC Conductor Resistance at 20°C [Ohm/km]
CAM00581	CAV00581	RE4XOHH2M1	2 x 0,5	8,5	=< 36,7
CAM00582	CAV00582	RE4XOHH2M1	2 x 2 x 0,5	10,7	=< 36,7
CAM00583	CAV00583	RE4XOHH2M1	3 x 2 x 0,5	11,3	=< 36,7
CAM00584	CAV00584	RE4XOHH2M1	4 x 2 x 0,5	12,0	=< 36,7
CAM00585	CAV00585	RE4XOHH2M1	7 x 2 x 0,5	14,2	=< 36,7
CAM00586	CAV00586	RE4XOHH2M1	8 x 2 x 0,5	15,5	=< 36,7
CAM00587	CAV00587	RE4XOHH2M1	12 x 2 x 0,5	17,7	=< 36,7
CAM00588	CAV00588	RE4XOHH2M1	14 x 2 x 0,5	18,4	=< 36,7
CAM00589	CAV00589	RE4XOHH2M1	19 x 2 x 0,5	20,2	=< 36,7
CAM00590	CAV00590	RE4XOHH2M1	20 x 2 x 0,5	21,1	=< 36,7
CAM00591	CAV00591	RE4XHOHH2M1	2 x 2 x 0,5	11,6	=< 36,7
CAM00592	CAV00592	RE4XHOHH2M1	3 x 2 x 0,5	12,1	=< 36,7
CAM00593	CAV00593	RE4XHOHH2M1	4 x 2 x 0,5	12,9	=< 36,7
CAM00594	CAV00594	RE4XHOHH2M1	7 x 2 x 0,5	15,4	=< 36,7
CAM00595	CAV00595	RE4XHOHH2M1	8 x 2 x 0,5	17,0	=< 36,7
CAM00596	CAV00596	RE4XHOHH2M1	12 x 2 x 0,5	19,4	=< 36,7
CAM00597	CAV00597	RE4XHOHH2M1	14 x 2 x 0,5	20,2	=< 36,7
CAM00598	CAV00598	RE4XHOHH2M1	19 x 2 x 0,5	22,3	=< 36,7
CAM00599	CAV00599	RE4XHOHH2M1	20 x 2 x 0,5	23,3	=< 36,7
CAM00600	CAV00600	RE4XOHH2M1	3 x 0,5	8,8	=< 36,7
CAM00601	CAV00601	RE4XOHH2M1	3 x 3 x 0,5	12,1	=< 36,7
CAM00602	CAV00602	RE4XOHH2M1	6 x 3 x 0,5	15,4	=< 36,7
CAM00603	CAV00603	RE4XOHH2M1	7 x 3 x 0,5	15,4	=< 36,7
CAM00604	CAV00604	RE4XOHH2M1	10 x 3 x 0,5	18,8	=< 36,7
CAM00605	CAV00605	RE4XOHH2M1	12 x 3 x 0,5	19,5	=< 36,7
CAM00606	CAV00606	RE4XOHH2M1	14 x 3 x 0,5	20,3	=< 36,7
CAM00607	CAV00607	RE4XHOHH2M1	3 x 3 x 0,5	13,1	=< 36,7
CAM00608	CAV00608	RE4XHOHH2M1	6 x 3 x 0,5	16,9	=< 36,7
CAM00609	CAV00609	RE4XHOHH2M1	7 x 3 x 0,5	16,9	=< 36,7
CAM00610	CAV00610	RE4XHOHH2M1	10 x 3 x 0,5	20,7	=< 36,7
CAM00611	CAV00611	RE4XHOHH2M1	12 x 3 x 0,5	21,2	=< 36,7
CAM00612	CAV00612	RE4XHOHH2M1	14 x 3 x 0,5	22,3	=< 36,7
CAM00613	CAV00613	RE4XOHH2M1	2 x 0,75	9,3	=< 24,8
CAM00614	CAV00614	RE4XOHH2M1	2 x 2 x 0,75	12,2	=< 24,8
CAM00615	CAV00615	RE4XOHH2M1	3 x 2 x 0,75	12,8	=< 24,8
CAM00616	CAV00616	RE4XOHH2M1	4 x 2 x 0,75	14,3	=< 24,8
CAM00617	CAV00617	RE4XOHH2M1	7 x 2 x 0,75	16,3	=< 24,8
CAM00618	CAV00618	RE4XOHH2M1	8 x 2 x 0,75	18,0	=< 24,8
CAM00619	CAV00619	RE4XOHH2M1	12 x 2 x 0,75	20,7	=< 24,8
CAM00620	CAV00620	RE4XOHH2M1	14 x 2 x 0,75	21,5	=< 24,8
CAM00621	CAV00621	RE4XOHH2M1	19 x 2 x 0,75	23,8	=< 24,8
CAM00622	CAV00622	RE4XOHH2M1	20 x 2 x 0,75	25,1	=< 24,8

CCE Part No	LB Part No	Cable Code 150/250 V	Size [n1 x n2 x mm ²]	Approx Outer Diameter [mm]	DC Conductor Resistance at 20°C [Ohm/km]
CAM00623	CAV00623	RE4XHOHH2M1	2 x 2 x 0,75	13,1	=< 24,8
CAM00624	CAV00624	RE4XHOHH2M1	3 x 2 x 0,75	14,3	=< 24,8
CAM00625	CAV00625	RE4XHOHH2M1	4 x 2 x 0,75	15,3	=< 24,8
CAM00626	CAV00626	RE4XHOHH2M1	7 x 2 x 0,75	17,8	=< 24,8
CAM00627	CAV00627	RE4XHOHH2M1	8 x 2 x 0,75	19,7	=< 24,8
CAM00628	CAV00628	RE4XHOHH2M1	12 x 2 x 0,75	22,7	=< 24,8
CAM00629	CAV00629	RE4XHOHH2M1	14 x 2 x 0,75	23,7	=< 24,8
CAM00630	CAV00630	RE4XHOHH2M1	19 x 2 x 0,75	26,1	=< 24,8
CAM00631	CAV00631	RE4XHOHH2M1	20 x 2 x 0,75	27,6	=< 24,8
CAM00632	CAV00632	RE4XOHH2M1	3 x 0,75	9,6	=< 24,8
CAM00633	CAV00633	RE4XOHH2M1	3 x 3 x 0,75	14,4	=< 24,8
CAM00634	CAV00634	RE4XOHH2M1	6 x 3 x 0,75	17,9	=< 24,8
CAM00635	CAV00635	RE4XOHH2M1	7 x 3 x 0,75	17,9	=< 24,8
CAM00636	CAV00636	RE4XOHH2M1	10 x 3 x 0,75	22,2	=< 24,8
CAM00637	CAV00637	RE4XOHH2M1	12 x 3 x 0,75	22,9	=< 24,8
CAM00638	CAV00638	RE4XOHH2M1	14 x 3 x 0,75	23,9	=< 24,8
CAM00639	CAV00639	RE4XHOHH2M1	3 x 3 x 0,75	15,4	=< 24,8
CAM00640	CAV00640	RE4XHOHH2M1	6 x 3 x 0,75	19,6	=< 24,8
CAM00641	CAV00641	RE4XHOHH2M1	7 x 3 x 0,75	19,6	=< 24,8
CAM00642	CAV00642	RE4XHOHH2M1	10 x 3 x 0,75	24,2	=< 24,8
CAM00643	CAV00643	RE4XHOHH2M1	12 x 3 x 0,75	25,1	=< 24,8
CAM00644	CAV00644	RE4XHOHH2M1	14 x 3 x 0,75	26,2	=< 24,8
CAM00645	CAV00645	RE4XOHH2M1	2 x 1	9,7	=< 18,2
CAM00646	CAV00646	RE4XOHH2M1	2 x 2 x1	13,2	=< 18,2
CAM00647	CAV00647	RE4XOHH2M1	3 x 2 x 1	14,0	=< 18,2
CAM00648	CAV00648	RE4XOHH2M1	4 x 2 x 1	15,0	=< 18,2
CAM00649	CAV00649	RE4XOHH2M1	7 x 2 x 1	17,3	=< 18,2
CAM00650	CAV00650	RE4XOHH2M1	8 x 2 x 1	19,0	=< 18,2
CAM00651	CAV00651	RE4XOHH2M1	12 x 2 x 1	22,1	=< 18,2
CAM00652	CAV00652	RE4XOHH2M1	14 x 2 x 1	23,0	=< 18,2
CAM00653	CAV00653	RE4XOHH2M1	19 x 2 x 1	25,5	=< 18,2
CAM00654	CAV00654	RE4XHOHH2M1	20 x 2 x1	26,7	=< 18,2
CAM00655	CAV00655	RE4XHOHH2M1	2 x 2 x 1	14,3	=< 18,2
CAM00656	CAV00656	RE4XHOHH2M1	3 x 2 x 1	15,0	=< 18,2
CAM00657	CAV00657	RE4XHOHH2M1	4 x 2 x 1	16,1	=< 18,2
CAM00658	CAV00658	RE4XHOHH2M1	7 x 2 x 1	18,7	=< 18,2
CAM00659	CAV00659	RE4XHOHH2M1	8 x 2 x 1	20,8	=< 18,2
CAM00660	CAV00660	RE4XHOHH2M1	12 x 2 x 1	24,0	=< 18,2
CAM00661	CAV00661	RE4XHOHH2M1	14 x 2 x 1	25,3	=< 18,2
CAM00662	CAV00662	RE4XHOHH2M1	19 x 2 x1	27,9	=< 18,2
CAM00663	CAV00663	RE4XHOHH2M1	20 x 2 x 1	29,3	=< 18,2
CAM00664	CAV00664	RE4XOHH2M1	3 x 1	10,0	=< 18,2
CAM00665	CAV00665	RE4XOHH2M1	3 x 3 x 1	15,1	=< 18,2
CAM00666	CAV00666	RE4XOHH2M1	6 x 3 x 1	18,9	=< 18,2

CCE Part No	LB Part No	Cable Code 150/250 V	Size [n1 x n2 x mm ²]	Approx Outer Diameter [mm]	DC Conductor Resistance at 20°C [Ohm/km]
CAM00667	CAV00667	RE4XOHH2M1	7 x 3 x 1	18,9	=< 18,2
CAM00668	CAV00668	RE4XOHH2M1	10 x 3 x 1	23,6	=< 18,2
CAM00669	CAV00669	RE4XOHH2M1	12 x 3 x 1	24,3	=< 18,2
CAM00670	CAV00670	RE4XOHH2M1	14 x 3 x 1	25,5	=< 18,2
CAM00671	CAV00671	RE4XHOHH2M1	3 x 3 x 1	16,2	=< 18,2
CAM00672	CAV00672	RE4XHOHH2M1	6 x 3 x 1	20,7	=< 18,2
CAM00673	CAV00673	RE4XHOHH2M1	7 x 3 x 1	20,7	=< 18,2
CAM00674	CAV00674	RE4XHOHH2M1	10 x 3 x 1	25,9	=< 18,2
CAM00675	CAV00675	RE4XHOHH2M1	12 x 3 x 1	26,6	=< 18,2
CAM00676	CAV00676	RE4XHOHH2M1	14 x 3 x 1	28,0	=< 18,2
CAM00677	CAV00677	RE4XOHH2M1	2 x 1,5	10,7	=< 12,2
CAM00678	CAV00678	RE4XOHH2M1	2 x 2 x 1,5	15,1	=< 12,2
CAM00679	CAV00679	RE4XOHH2M1	3 x 2 x 1,5	15,8	=< 12,2
CAM00680	CAV00680	RE4XOHH2M1	4 x 2 x 1,5	17,2	=< 12,2
CAM00681	CAV00681	RE4XOHH2M1	7 x 2 x 1,5	20,1	=< 12,2
CAM00682	CAV00682	RE4XOHH2M1	8 x 2 x 1,5	22,3	=< 12,2
CAM00683	CAV00683	RE4XOHH2M1	12 x 2 x 1,5	25,8	=< 12,2
CAM00684	CAV00684	RE4XOHH2M1	14 x 2 x 1,5	26,9	=< 12,2
CAM00685	CAV00685	RE4XOHH2M1	19 x 2 x 1,5	29,8	=< 12,2
CAM00686	CAV00686	RE4XOHH2M1	20 x 2 x 1,5	31,6	=< 12,2
CAM00687	CAV00687	RE4XHOHH2M1	2 x 2 x 1,5	16,1	=< 12,2
CAM00688	CAV00688	RE4XHOHH2M1	3 x 2 x 1,5	17,1	=< 12,2
CAM00689	CAV00689	RE4XHOHH2M1	4 x 2 x 1,5	18,5	=< 12,2
CAM00690	CAV00690	RE4XHOHH2M1	7 x 2 x 1,5	21,6	=< 12,2
CAM00691	CAV00691	RE4XHOHH2M1	8 x 2 x 1,5	24,1	=< 12,2
CAM00692	CAV00692	RE4XHOHH2M1	12 x 2 x 1,5	28,2	=< 12,2
CAM00693	CAV00693	RE4XHOHH2M1	14 x 2 x 1,5	29,5	=< 12,2
CAM00694	CAV00694	RE4XHOHH2M1	19 x 2 x 1,5	33,3	=< 12,2
CAM00695	CAV00695	RE4XHOHH2M1	20 x 2 x 1,5	35,0	=< 12,2
CAM00696	CAV00696	RE4XOHH2M1	3 x 1,5	11,3	=< 12,2
CAM00697	CAV00697	RE4XOHH2M1	3 x 3 x 1,5	17,4	=< 12,2
CAM00698	CAV00698	RE4XOHH2M1	6 x 3 x 1,5	22,2	=< 12,2
CAM00699	CAV00699	RE4XOHH2M1	7 x 3 x 1,5	22,2	=< 12,2
CAM00700	CAV00700	RE4XOHH2M1	10 x 3 x 1,5	27,8	=< 12,2
CAM00701	CAV00701	RE4XOHH2M1	12 x 3 x 1,5	28,6	=< 12,2
CAM00702	CAV00702	RE4XOHH2M1	14 x 3 x 1,5	30,2	=< 12,2
CAM00703	CAV00703	RE4XHOHH2M1	3 x 3 x 1,5	18,7	=< 12,2
CAM00704	CAV00704	RE4XHOHH2M1	6 x 3 x 1,5	24,0	=< 12,2
CAM00705	CAV00705	RE4XHOHH2M1	7 x 3 x 1,5	24,0	=< 12,2
CAM00706	CAV00706	RE4XHOHH2M1	10 x 3 x 1,5	30,4	=< 12,2
CAM00707	CAV00707	RE4XHOHH2M1	12 x 3 x 1,5	31,3	=< 12,2
CAM00708	CAV00708	RE4XHOHH2M1	14 x 3 x 1,5	33,4	=< 12,2