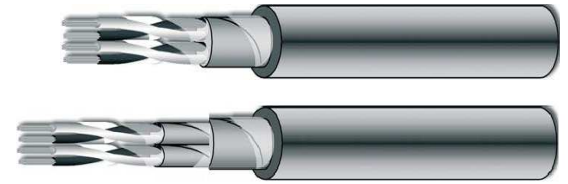


150/250 V XLPE insulated LSZH instrument cables individually and/or overall shielded with tinned copper conductor



**RE4XOHM1
TCu/XLPE/OS/LSZH**

**RE4XHOHM1
TCu/XLPE/IS/OS/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	:	8 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 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]
CAM00325	CAV00325	RE4XOHM1	2 x 0,5	5,5	=< 36,7
CAM00326	CAV00326	RE4XOHM1	2 x 2 x 0,5	7,7	=< 36,7
CAM00327	CAV00327	RE4XOHM1	3 x 2 x 0,5	8,1	=< 36,7
CAM00328	CAV00328	RR4XOHM1	4 x 2 x 0,5	9,0	=< 36,7
CAM00329	CAV00329	RE4XOHM1	7 x 2 x 0,5	10,6	=< 36,7
CAM00330	CAV00330	RE4XOHM1	8 x 2 x 0,5	12,1	=< 36,7
CAM00331	CAV00331	RE4XOHM1	12 x 2 x 0,5	14,3	=< 36,7
CAM00332	CAV00332	RE4XOHM1	14 x 2 x 0,5	15,0	=< 36,7
CAM00333	CAV00333	RE4XOHM1	19 x 2 x 0,5	16,8	=< 36,7
CAM00334	CAV00334	RE4XOHM1	20 x 2 x 0,5	17,7	=< 36,7
CAM00335	CAV00335	RE4XHOHM1	2 x 2 x 0,5	8,6	=< 36,7
CAM00336	CAV00336	RE4XHOHM1	3 x 2 x 0,5	9,1	=< 36,7
CAM00337	CAV00337	RR4XHOHM1	4 x 2 x 0,5	9,9	=< 36,7
CAM00338	CAV00338	RE4XHOHM1	7 x 2 x 0,5	12,0	=< 36,7
CAM00339	CAV00339	RE4XHOHM1	8 x 2 x 0,5	13,4	=< 36,7
CAM00340	CAV00340	RE4XHOHM1	12 x 2 x 0,5	15,8	=< 36,7
CAM00341	CAV00341	RE4XHOHM1	14 x 2 x 0,5	16,8	=< 36,7
CAM00342	CAV00342	RE4XHOHM1	19 x 2 x 0,5	18,7	=< 36,7
CAM00343	CAV00343	RE4XHOHM1	20 x 2 x 0,5	19,9	=< 36,7
CAM00344	CAV00344	RE4XOHM1	3 x 0,5	5,8	=< 36,7
CAM00345	CAV00345	RE4XOHM1	3 x 3 x 0,5	9,1	=< 36,7
CAM00346	CAV00346	RE4XOHM1	6 x 3 x 0,5	12,0	=< 36,7
CAM00347	CAV00347	RE4XOHM1	7 x 3 x 0,5	12,0	=< 36,7
CAM00348	CAV00348	RE4XOHM1	10 x 3 x 0,5	15,4	=< 36,7
CAM00349	CAV00349	RE4XOHM1	12 x 3 x 0,5	15,9	=< 36,7
CAM00350	CAV00350	RE4XOHM1	14 x 3 x 0,5	16,9	=< 36,7
CAM00351	CAV00351	RE4XHOHM1	3 x 3 x 0,5	10,1	=< 36,7
CAM00352	CAV00352	RE4XHOHM1	6 x 3 x 0,5	13,3	=< 36,7
CAM00353	CAV00353	RE4XHOHM1	7 x 3 x 0,5	13,3	=< 36,7
CAM00354	CAV00354	RE4XHOHM1	10 x 3 x 0,5	17,3	=< 36,7
CAM00355	CAV00355	RE4XHOHM1	12 x 3 x 0,5	17,8	=< 36,7
CAM00356	CAV00356	RE4XHOHM1	14 x 3 x 0,5	18,7	=< 36,7
CAM00357	CAV00357	RE4XOHM1	2 x 0,75	6,3	=< 24,8
CAM00358	CAV00358	RE4XOHM1	2 x 2 x 0,75	9,2	=< 24,8
CAM00359	CAV00359	RE4XOHM1	3 x 2 x 0,75	9,8	=< 24,8
CAM00360	CAV00360	RR4XOHM1	4 x 2 x 0,75	10,7	=< 24,8
CAM00361	CAV00361	RE4XOHM1	7 x 2 x 0,75	12,9	=< 24,8
CAM00362	CAV00362	RE4XOHM1	8 x 2 x 0,75	14,6	=< 24,8
CAM00363	CAV00363	RE4XOHM1	12 x 2 x 0,75	17,3	=< 24,8
CAM00364	CAV00364	RE4XOHM1	14 x 2 x 0,75	18,1	=< 24,8
CAM00365	CAV00365	RE4XOHM1	19 x 2 x 0,75	20,4	=< 24,8
CAM00366	CAV00366	RE4XOHM1	20 x 2 x 0,75	21,5	=< 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]
CAM00367	CAV00367	RE4XHOHM1	2 x 2 x 0,75	10,1	=< 24,8
CAM00368	CAV00368	RE4XHOHM1	3 x 2 x 0,75	10,7	=< 24,8
CAM00369	CAV00369	RR4XHOHM1	4 x 2 x 0,75	11,9	=< 24,8
CAM00370	CAV00370	RE4XHOHM1	7 x 2 x 0,75	14,4	=< 24,8
CAM00371	CAV00371	RE4XHOHM1	8 x 2 x 0,75	16,1	=< 24,8
CAM00372	CAV00372	RE4XHOHM1	12 x 2 x 0,75	19,3	=< 24,8
CAM00373	CAV00373	RE4XHOHM1	14 x 2 x 0,75	20,3	=< 24,8
CAM00374	CAV00374	RE4XHOHM1	19 x 2 x 0,75	22,7	=< 24,8
CAM00375	CAV00375	RE4XHOHM1	20 x 2 x 0,75	24,0	=< 24,8
CAM00376	CAV00376	RE4XOHM1	3 x 0,75	6,6	=< 24,8
CAM00377	CAV00377	RE4XOHM1	3 x 3 x 0,75	10,8	=< 24,8
CAM00378	CAV00378	RE4XOHM1	6 x 3 x 0,75	14,5	=< 24,8
CAM00379	CAV00379	RE4XOHM1	7 x 3 x 0,75	14,5	=< 24,8
CAM00380	CAV00380	RE4XOHM1	10 x 3 x 0,75	18,6	=< 24,8
CAM00381	CAV00381	RE4XOHM1	12 x 3 x 0,75	19,5	=< 24,8
CAM00382	CAV00382	RE4XOHM1	14 x 3 x 0,75	20,5	=< 24,8
CAM00383	CAV00383	RE4XHOHM1	3 x 3 x 0,75	12,0	=< 24,8
CAM00384	CAV00384	RE4XHOHM1	6 x 3 x 0,75	16,0	=< 24,8
CAM00385	CAV00385	RE4XHOHM1	7 x 3 x 0,75	16,0	=< 24,8
CAM00386	CAV00386	RE4XHOHM1	10 x 3 x 0,75	20,8	=< 24,8
CAM00387	CAV00387	RE4XHOHM1	12 x 3 x 0,75	21,5	=< 24,8
CAM00388	CAV00388	RE4XHOHM1	14 x 3 x 0,75	22,8	=< 24,8
CAM00389	CAV00389	RE4XOHM1	2 x 1	6,7	=< 18,2
CAM00390	CAV00390	RE4XOHM1	2 x 2 x 1	9,8	=< 18,2
CAM00391	CAV00391	RE4XOHM1	3 x 2 x 1	10,4	=< 18,2
CAM00392	CAV00392	RR4XOHM1	4 x 2 x 1	11,6	=< 18,2
CAM00393	CAV00393	RE4XOHM1	7 x 2 x 1	13,9	=< 18,2
CAM00394	CAV00394	RE4XOHM1	8 x 2 x 1	15,6	=< 18,2
CAM00395	CAV00395	RE4XOHM1	12 x 2 x 1	18,5	=< 18,2
CAM00396	CAV00396	RE4XOHM1	14 x 2 x 1	19,6	=< 18,2
CAM00397	CAV00397	RE4XOHM1	19 x 2 x 1	22,1	=< 18,2
CAM00398	CAV00398	RE4XOHM1	20 x 2 x 1	23,3	=< 18,2
CAM00399	CAV00399	RE4XHOHM1	2 x 2 x 1	10,7	=< 18,2
CAM00400	CAV00400	RE4XHOHM1	3 x 2 x 1	11,6	=< 18,2
CAM00401	CAV00401	RR4XHOHM1	4 x 2 x 1	12,7	=< 18,2
CAM00402	CAV00402	RE4XHOHM1	7 x 2 x 1	15,3	=< 18,2
CAM00403	CAV00403	RE4XHOHM1	8 x 2 x 1	17,4	=< 18,2
CAM00404	CAV00404	RE4XHOHM1	12 x 2 x 1	20,6	=< 18,2
CAM00405	CAV00405	RE4XHOHM1	14 x 2 x 1	21,7	=< 18,2
CAM00406	CAV00406	RE4XHOHM1	19 x 2 x 1	24,3	=< 18,2
CAM00407	CAV00407	RE4XHOHM1	20 x 2 x 1	25,9	=< 18,2
CAM00408	CAV00408	RE4XOHM1	3 x 1	7,0	=< 18,2
CAM00409	CAV00409	RE4XOHM1	3 x 3 x 1	11,7	=< 18,2
CAM00410	CAV00410	RE4XOHM1	6 x 3 x 1	15,5	=< 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]
CAM00411	CAV00411	RE4XOHM1	7 x 3 x 1	15,5	=< 18,2
CAM00412	CAV00412	RE4XOHM1	10 x 3 x 1	20,2	=< 18,2
CAM00413	CAV00413	RE4XOHM1	12 x 3 x 1	20,9	=< 18,2
CAM00414	CAV00414	RE4XOHM1	14 x 3 x 1	22,1	=< 18,2
CAM00415	CAV00415	RE4XHOHM1	3 x 3 x 1	12,8	=< 18,2
CAM00416	CAV00416	RE4XHOHM1	6 x 3 x 1	17,3	=< 18,2
CAM00417	CAV00417	RE4XHOHM1	7 x 3 x 1	17,3	=< 18,2
CAM00418	CAV00418	RE4XHOHM1	10 x 3 x 1	22,5	=< 18,2
CAM00419	CAV00419	RE4XHOHM1	12 x 3 x 1	23,2	=< 18,2
CAM00420	CAV00420	RE4XHOHM1	14 x 3 x 1	24,4	=< 18,2
CAM00421	CAV00421	RE4XOHM1	2 x 1,5	7,7	=< 12,2
CAM00422	CAV00422	RE4XOHM1	2 x 2 x 1,5	11,7	=< 12,2
CAM00423	CAV00423	RE4XOHM1	3 x 2 x 1,5	12,4	=< 12,2
CAM00424	CAV00424	RR4XOHM1	4 x 2 x 1,5	13,6	=< 12,2
CAM00425	CAV00425	RE4XOHM1	7 x 2 x 1,5	16,7	=< 12,2
CAM00426	CAV00426	RE4XOHM1	8 x 2 x 1,5	18,7	=< 12,2
CAM00427	CAV00427	RE4XOHM1	12 x 2 x 1,5	22,4	=< 12,2
CAM00428	CAV00428	RE4XOHM1	14 x 2 x 1,5	23,5	=< 12,2
CAM00429	CAV00429	RE4XOHM1	19 x 2 x 1,5	26,4	=< 12,2
CAM00430	CAV00430	RE4XOHM1	20 x 2 x 1,5	28,2	=< 12,2
CAM00431	CAV00431	RE4XHOHM1	2 x 2 x 1,5	12,7	=< 12,2
CAM00432	CAV00432	RE4XHOHM1	3 x 2 x 1,5	13,5	=< 12,2
CAM00433	CAV00433	RR4XHOHM1	4 x 2 x 1,5	15,1	=< 12,2
CAM00434	CAV00434	RE4XHOHM1	7 x 2 x 1,5	18,2	=< 12,2
CAM00435	CAV00435	RE4XHOHM1	8 x 2 x 1,5	20,7	=< 12,2
CAM00436	CAV00436	RE4XHOHM1	12 x 2 x 1,5	24,8	=< 12,2
CAM00437	CAV00437	RE4XHOHM1	14 x 2 x 1,5	26,1	=< 12,2
CAM00438	CAV00438	RE4XHOHM1	19 x 2 x 1,5	29,3	=< 12,2
CAM00439	CAV00439	RE4XHOHM1	20 x 2 x 1,5	31,2	=< 12,2
CAM00440	CAV00440	RE4XOHM1	3 x 1,5	8,1	=< 12,2
CAM00441	CAV00441	RE4XOHM1	3 x 3 x 1,5	14,0	=< 12,2
CAM00442	CAV00442	RE4XOHM1	6 x 3 x 1,5	18,6	=< 12,2
CAM00443	CAV00443	RE4XOHM1	7 x 3 x 1,5	18,6	=< 12,2
CAM00444	CAV00444	RE4XOHM1	10 x 3 x 1,5	24,2	=< 12,2
CAM00445	CAV00445	RE4XOHM1	12 x 3 x 1,5	25,2	=< 12,2
CAM00446	CAV00446	RE4XOHM1	14 x 3 x 1,5	26,6	=< 12,2
CAM00447	CAV00447	RE4XHOHM1	3 x 3 x 1,5	15,3	=< 12,2
CAM00448	CAV00448	RE4XHOHM1	6 x 3 x 1,5	20,6	=< 12,2
CAM00449	CAV00449	RE4XHOHM1	7 x 3 x 1,5	20,6	=< 12,2
CAM00450	CAV00450	RE4XHOHM1	10 x 3 x 1,5	26,8	=< 12,2
CAM00451	CAV00451	RE4XHOHM1	12 x 3 x 1,5	27,9	=< 12,2
CAM00452	CAV00452	RE4XHOHM1	14 x 3 x 1,5	29,4	=< 12,2