



ÖLFLEX® INSTRUM 279 H

Individual and overall screened instrumentation cable LSZH
CU/XLPE/IS/OS/LSZH



Info

**RE4XHOHM1 300 V
EN 50288-7**

Benefits

- Sunlight resistant
- Hydrocarbon and Chemical resistant
- Fire behaviour
- Oil resistant

Product features

Twisted pair or triad signal cable, individual and overall screened, XLPE insulated and LSZH jacketed

Norm references / Approvals

- **Hydrocarbon & Oil resistance**
CEI 20-34/0
- **Smoke**
IEC 61034-1 and 2
- **Halogen acid gas**
IEC 60754-1 and 2
- **Fire behaviour**
IEC 60332-1-2
IEC 60332-3-22 (Cat. A)

Design

- **Conductor:** Stranded Annealed Copper
- **Core insulation:** XLPE
- **Screen:** IS/OS Aluminum/PET + TC Drain wire
- **Outer sheath:** LSZH, black

Technical data

- Core identification code:**
Pairs are black & white with printed numbers
Triads are black, white, red with printed numbers
- Insulation resistance:**
5000 MOhm x km
- Conductor stranding:**
Class 2 IEC 60228
- Nominal Voltage Uo/U:**
300/300 V
- Test voltage:**
C/C 1500 V x 1 minute
- Temperature range:**
during operation: -30° to +70°C
during installation: -5° to +50°C
- Minimum Bending Radius:**
8 x Outer Diameter

Number cores and mm ² per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
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2x2x0,5	8,3	35,7	84
6x2x0,5	11,8	97,7	187
10x2x0,5	15,2	159,7	287
12x2x0,5	15,7	190,6	321
16x2x0,5	17,6	252,6	419
20x2x0,5	19,5	314,6	518
24x2x0,5	21,9	376,6	611
30x2x0,5	23,3	469,5	739
3x3x0,5	9,9	66,7	126
6x3x0,5	13,1	128,7	233
10x3x0,5	16,9	211,3	361
12x3x0,5	17,7	252,6	414
2x2x0,75	9,5	46,0	108
6x2x0,75	13,3	128,5	234
10x2x0,75	17,4	211,0	369
12x2x0,75	18,0	252,3	412
16x2x0,75	20,1	334,8	539
20x2x0,75	22,4	417,3	669
24x2x0,75	25,1	499,8	787
30x2x0,75	26,8	623,6	951
3x3x0,75	11,1	89,8	158
6x3x0,75	15,0	174,9	305
10x3x0,75	19,4	288,3	473
12x3x0,75	20,3	345,1	543

Number cores and mm ² per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
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2x2x1	10,3	56,8	126
6x2x1	14,8	161,0	286
10x2x1	19,0	265,3	441
12x2x1	19,7	317,4	494
16x2x1	22,1	421,6	648
20x2x1	24,8	525,8	819
24x2x1	27,8	630,0	963
30x2x1	29,6	786,3	1.164
3x3x1	12,4	114,2	196
6x3x1	16,4	223,7	369
10x3x1	21,5	369,7	586
12x3x1	22,2	442,7	661
2x2x1,5	12,0	78,5	168
6x2x1,5	17,2	226,1	386
10x2x1,5	22,2	373,7	595
12x2x1,5	23,2	447,5	680
16x2x1,5	26,0	595,1	891
20x2x1,5	29,2	742,7	1.125
24x2x1,5	32,7	890,3	1.321
30x2x1,5	34,8	1111,6	1.596
3x3x1,5	14,4	163,0	266
6x3x1,5	19,2	321,3	507
10x3x1,5	25,1	532,4	804
12x3x1,5	26,2	637,9	923

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Photographs are not to scale and do not represent detailed images of the respective products

AVAILABLE ALSO IN: Conductor Class 5, Tinned copper conductor, other colors