



ÖLFLEX® 100 I CY FR-LSH

Colour coded screened PVC power and control cable

Info

- EMC - Compliant, FR-LSH For reduced Halogen and Smoke



Benefits

- EMC Compliant
- High electrical performance due to 3 kV test voltage
- Protection of human life and the environment due to reduced smoke and low toxicity

Application range

- Plant engineering and installation, Industrial machinery
- Power circuit for Air conditioning installations
- Main power circuit to individual apartments
- Fixed Installation

- In EMC- sensitive environments (Electromagnetic compatibility)

Product features

- Flame retardant: According to IEC 60332-1
- Low smoke and Low Halogen : As per data sheet

Product Make-up

- Conductor : Bare copper wires of fine strands
- Insulation : PVC Type A
- Inner Sheath : PVC Type ST1
- Copper braid with approx. 65% coverage
- Outer Sheath: PVC FR-LSH ST 1 Grey (RAL 7001)

Technical data

	Core identification code Coloured
	Conductor stranding Bare copper, fine wire strand class 5 in acc. to IS 8130-1984
	Minimum bending radius Occasional fixing Installation: 20 x OD, Fixed installation: 6 X Cable OD
	Nominal voltage UM : 1100, Up to and including 1100 V
	Temperature range -15°C up to +70°C

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® 100 I CY FR-LSH					
380600205	2 X 0.5	8.1	grey	35.0	108.8
380600315	3 G 0.5	8.5	grey	40.0	119.11
380600305	3 X 0.5	8.5	grey	40.0	119
380600415	4 G 0.5	9.2	grey	49.0	143.6
380600405	4 X 0.5	9.2	grey	49.0	144
380600515	5 G 0.5	10.0	grey	55.0	161
380600505	5 X 0.5	10.0	grey	55.0	160.62
380610205	2 X 0.75	8.6	grey	40.0	120.81
380610315	3 G 0.75	9.0	grey	50.0	138.19
380610305	3 X 0.75	9.0	grey	50.0	138
380610415	4 G 0.75	9.8	grey	58.0	162.31
380610405	4 X 0.75	9.8	grey	58.0	162
380610515	5 G 0.75	10.6	grey	66.0	182
380610505	5 X 0.75	10.6	grey	66.0	182.44
380620205	2 X 1.0	8.9	grey	47.0	133.89
380620315	3 G 1.0	9.4	grey	57.0	155
380620305	3 X 1.0	9.4	grey	57.0	155
380620415	4 G 1.0	10.2	grey	67.0	178.03
380620405	4 X 1.0	10.2	grey	67.0	178
380620515	5 G 1.0	11.1	grey	79.0	209
380620505	5 X 1.0	11.1	grey	79.0	209.2
380630205	2 X 1.5	9.6	grey	56.0	159.61
380630315	3 G 1.5	10.2	grey	70.0	180.13
380630305	3 X 1.5	10.2	grey	70.0	180
380630415	4 G 1.5	11.1	grey	86.0	218.1
380630405	4 X 1.5	11.1	grey	86.0	218
380630515	5 G 1.5	12.1	grey	102.0	251
380630505	5 X 1.5	12.1	grey	102.0	250.58
380640205	2 X 2.5	11.3	grey	78.0	214.1
380640315	3 G 2.5	12.0	grey	100.0	245.92
380640305	3 X 2.5	12.0	grey	100.0	246
380640415	4 G 2.5	13.1	grey	126.0	304.51
380640405	4 X 2.5	13.1	grey	126.0	305
380640515	5 G 2.5	14.6	grey	168.0	380
380640505	5 X 2.5	14.6	grey	168.0	379.63
380650315	3 G 4.0	14.1	grey	168.0	382.03
380650305	3 X 4.0	14.1	grey	168.0	382
380650415	4 G 4.0	15.4	grey	211.0	452.18
380650405	4 X 4.0	15.4	grey	211.0	452
380650515	5 G 4.0	16.9	grey	249.0	533
380650505	5 X 4.0	16.9	grey	249.0	533.44
380660315	3 G 6.0	15.6	grey	230.0	489.3
380660305	3 X 6.0	15.6	grey	230.0	489
380660415	4 G 6.0	17.2	grey	286.0	579.46
380660405	4 X 6.0	17.2	grey	286.0	579
380660515	5 G 6.0	18.9	grey	348.0	693

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
380660505	5 X 6.0	18.9	grey	348.0	693.13
380661205	2 X 10.0	18.1	grey	257.0	603.21
380661315	3 G 10.0	19.5	grey	347.0	728.46
380661305	3 X 10.0	19.5	grey	347.0	728
380661415	4 G 10.0	21.5	grey	469.0	927.93
380661405	4 X 10.0	21.5	grey	469.0	928
380661515	5 G 10.0	23.8	grey	572.0	1,110
380661505	5 X 10.0	23.8	grey	572.0	1,109.73
380662315	3 G 16.0	22.1	grey	541.0	1,021.94
380662305	3 X 16.0	22.1	grey	541.0	1,022
380662415	4 G 16.0	24.5	grey	689.0	1,264.76
380662405	4 X 16.0	24.5	grey	689.0	1,265
380662515	5 G 16.0	27.1	grey	834.0	1,523
380662505	5 X 16.0	27.1	grey	834.0	1,522.8
380663315	3 G 25.0	27.1	grey	825.0	1,532.7
380663305	3 X 25.0	27.1	grey	825.0	1,533
380663415	4 G 25.0	30.0	grey	1,079.0	1,936.95
380663405	4 X 25.0	30.0	grey	1,079.0	1,937
380663515	5 G 25.0	33.3	grey	1,323.0	2,343
380663505	5 X 25.0	33.3	grey	1,323.0	2,342.9
380664315	3 G 35.0	30.5	grey	1,072.0	1,948.76
380664305	3 X 35.0	30.5	grey	1,072.0	1,949
380664415	4 G 35.0	33.8	grey	1,384.0	2,422.32
380664405	4 X 35.0	33.8	grey	1,384.0	2,422
380664515	5 G 35.0	37.6	grey	1,711.0	2,954
380664505	5 X 35.0	37.6	grey	1,711.0	2,954.4
380665315	3 G 50.0	35.4	grey	1,465.0	2,687.54
380665305	3 X 50.0	35.4	grey	1,465.0	2,688
380665415	4 G 50.0	39.4	grey	1,900.0	3,341.03
380665405	4 X 50.0	39.4	grey	1,900.0	3,341
380600225	2 X 0.5	8.1	grey	35.0	110
380600335	3 G 0.5	8.5	grey	40.0	120
380600325	3 X 0.5	8.5	grey	40.0	120
380600435	4 G 0.5	9.2	grey	49.0	145
380600425	4 X 0.5	9.2	grey	49.0	145
380600535	5 G 0.5	10.0	grey	55.0	162
380600525	5 X 0.5	10.0	grey	55.0	162
380610225	2 X 0.75	8.6	grey	40.0	122
380610335	3 G 0.75	9.0	grey	50.0	139
380610325	3 X 0.75	9.0	grey	50.0	139
380610435	4 G 0.75	9.8	grey	58.0	163
380610425	4 X 0.75	9.8	grey	58.0	163
380610535	5 G 0.75	10.6	grey	66.0	183
380610525	5 X 0.75	10.6	grey	66.0	183
380620225	2 X 1.0	8.9	grey	47.0	135
380620335	3 G 1.0	9.4	grey	57.0	156
380620325	3 X 1.0	9.4	grey	57.0	156
380620435	4 G 1.0	10.2	grey	67.0	179
380620425	4 X 1.0	10.2	grey	67.0	179
380620535	5 G 1.0	11.1	grey	79.0	210
380620525	5 X 1.0	11.1	grey	79.0	210
380630225	2 X 1.5	9.6	grey	56.0	161
380630335	3 G 1.5	10.2	grey	70.0	181
380630325	3 X 1.5	10.2	grey	70.0	181
380630435	4 G 1.5	11.1	grey	86.0	219
380630425	4 X 1.5	11.1	grey	86.0	219
380630535	5 G 1.5	12.1	grey	102.0	252
380630525	5 X 1.5	12.1	grey	102.0	252
380640225	2 X 2.5	11.3	grey	78.0	215
380640335	3 G 2.5	12.0	grey	100.0	247
380640325	3 X 2.5	12.0	grey	100.0	247
380640435	4 G 2.5	13.1	grey	126.0	306
380640425	4 X 2.5	13.1	grey	126.0	306
380640535	5 G 2.5	14.6	grey	168.0	381
380640525	5 X 2.5	14.6	grey	168.0	381
380650335	3 G 4.0	14.1	grey	168.0	383
380650325	3 X 4.0	14.1	grey	168.0	382
380650435	4 G 4.0	15.4	grey	211.0	453
380650425	4 X 4.0	15.4	grey	211.0	453
380650535	5 G 4.0	16.9	grey	249.0	534
380650525	5 X 4.0	16.9	grey	249.0	534
380660335	3 G 6.0	15.6	grey	230.0	490
380660325	3 X 6.0	15.6	grey	230.0	490
380660435	4 G 6.0	17.2	grey	286.0	580
380660425	4 X 6.0	17.2	grey	286.0	580
380660535	5 G 6.0	18.9	grey	348.0	694
380660525	5 X 6.0	18.9	grey	348.0	694
380661225	2 X 10.0	18.1	grey	257.0	604
380661335	3 G 10.0	19.5	grey	347.0	729
380661325	3 X 10.0	19.5	grey	347.0	729
380661435	4 G 10.0	21.5	grey	469.0	929
380661425	4 X 10.0	21.5	grey	469.0	929
380661535	5 G 10.0	23.8	grey	572.0	1,111
380661525	5 X 10.0	23.8	grey	572.0	1,111
380662335	3 G 16.0	22.1	grey	541.0	1,023

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
380662325	3 X 16.0	22.1	grey	541.0	1,023
380662435	4 G 16.0	24.5	grey	689.0	1,266
380662425	4 X 16.0	24.5	grey	689.0	1,266
380662535	5 G 16.0	27.1	grey	834.0	1,524
380662525	5 X 16.0	27.1	grey	834.0	1,524
380663335	3 G 25.0	27.1	grey	825.0	1,534
380663325	3 X 25.0	27.1	grey	825.0	1,534
380663435	4 G 25.0	30.0	grey	1,079.0	1,938
380663425	4 X 25.0	30.0	grey	1,079.0	1,938
380663535	5 G 25.0	33.3	grey	1,323.0	2,344
380663525	5 X 25.0	33.3	grey	1,323.0	2,344
380664335	3 G 35.0	30.5	grey	1,072.0	1,950
380664325	3 X 35.0	30.5	grey	1,072.0	1,950
380664435	4 G 35.0	33.8	grey	1,384.0	2,423
380664425	4 X 35.0	33.8	grey	1,384.0	2,423
380664535	5 G 35.0	37.6	grey	1,711.0	2,955
380664525	5 X 35.0	37.6	grey	1,711.0	2,955
380665335	3 G 50.0	35.4	grey	1,465.0	2,689
380665325	3 X 50.0	35.4	grey	1,465.0	2,689
380665435	4 G 50.0	39.4	grey	1,900.0	3,342
380665425	4 X 50.0	39.4	grey	1,900.0	3,342

Unless specified otherwise, the shown product values are nominal values at room temperature. You can receive further values, such as tolerances, upon request if they are available and have been released for publication.

Photographs are not to scale and do not represent detailed images of the respective products.