



LV (N)2XYRY FR



Info

- Low voltage power and control cable
- Stranded copper conductor According to IEC60228 Cl.2
- Armoured, XLPE Insulation, PVC Inner / Outer sheath cable



Benefits

- Maintain high insulation resistance for heat and moisture exposed environments
- Applied to copper conductor, which is conductivity rate than aluminum conductor
- Easy installation due to small cable diameter
- High flame retardancy cable

Application range

- For main power distribution and lighting circuits in residential, industrial and commercial areas
- Fixed for power and control circuits and applicable for the connection of telecom power supply
- Cable tray and wiring board in factory

Product features

- Flame retardant according to IEC 60332-1-2 and IEC 60332-3-24 (CAT.C)

- Cable material according to IEC 60502-1
- Cable test according to IEC 60811

Norm references / Approvals

- Cable design according to IEC 60502-1
- Conductor design according to IEC60228 class 2

Product Make-up

- Conductor : Stranded made of bare copper
- Core insulation: Cross-Linked Polyethylene (XLPE)
- Core insulation colour : Core Identification code according to VDE 0293-308
- Inner sheath : Polyvinyl Chloride (PVC, ST2)
- Armoured : Aluminium wire (Single core) or Galvanized wire (Multi core)
- Outer sheath : Polyvinyl Chloride (PVC, ST2)
- Outer sheath colour: Black

Technical data

- Conductor stranding**
Stranded made of bare copper wire (Design acc.to IEC60228 Cl.2)
- Minimum bending radius**
Fixed installation: 10 x cable diameter
- Nominal voltage**
AC U₀/U: 0.6/1 KV
- Temperature range**
-15° C up to +90 °C max. conductor temperature

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
LV (N)2XYRY FR				
85631251	1 X 1.5	10.6	13.9	211
85631252	2 X 1.5	14.7	27.9	363
85631253	3 X 1.5	15.2	41.8	400
85631254	4 X 1.5	16.0	55.8	443
85631255	5 X 1.5	17.6	69.7	584
85631256	6 X 1.5	18.5	83.7	641
85631257	7 X 1.5	18.5	97.6	658
85631258	8 X 1.5	19.5	111.6	715
85631259	9 X 1.5	20.4	125.5	774
85631260	10 X 1.5	21.7	139.5	848
85631261	11 X 1.5	21.7	153.4	865
85631262	12 X 1.5	22.1	167.4	903
85631263	13 X 1.5	22.4	181.3	936
85631264	14 X 1.5	23.6	195.3	1,101
85631265	15 X 1.5	24.1	209.2	1,145
85631266	16 X 1.5	24.5	223.2	1,173
85631267	17 X 1.5	25.1	237.1	1,219
85631268	18 X 1.5	25.5	251.1	1,263
85631269	19 X 1.5	25.5	265.0	1,279
85631270	20 X 1.5	26.0	279.0	1,327
85631271	21 X 1.5	26.4	292.9	1,370
85631272	22 X 1.5	27.0	306.9	1,419
85631273	23 X 1.5	27.4	320.8	1,445
85631274	24 X 1.5	28.6	334.8	1,544
85631275	25 X 1.5	28.6	348.7	1,561
85631276	26 X 1.5	28.6	362.7	1,578
85631277	27 X 1.5	29.1	376.6	1,608
85631278	28 X 1.5	29.1	390.6	1,624
85631279	29 X 1.5	29.6	404.5	1,680
85631280	30 X 1.5	30.1	418.5	1,729
85631281	31 X 1.5	30.2	432.4	1,748
85631282	32 X 1.5	30.5	446.4	1,790
85631283	33 X 1.5	31.0	460.3	1,822
85631284	34 X 1.5	31.2	474.3	1,860
85631285	35 X 1.5	31.4	488.2	1,881
85631286	36 X 1.5	32.0	502.2	1,932
85631287	37 X 1.5	32.0	516.1	1,949
85631288	38 X 1.5	32.2	530.1	1,989
85631289	39 X 1.5	32.5	544.0	2,016

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ÖLFLEX® INSTRUM RE-2X(ST)YRY



Info

- Armoured XLPE insulation
- Overall Screen

Application range

- For communication, data and voice transmission signal in industrial process manufacturing plants
- Oil and Gas industry
- Petrochemical industry
- Generally used for indoor installation and suitable for wet and damp areas
- The Blue outer sheath is suitable for use with Group 2 Intrinsically Safe (IS) systems in hazardous areas where the voltage range is <50 VAC / <75 VDC

Product features

- Flame retardant in acc. to IEC 60332-3-24

Norm references / Approvals

- Based on EN 50288-7

Product Make-up

- Stranded plain annealed copper wires
- XLPE core insulation
- Pairs are collectively screened with aluminium polyester tape
- Tinned copper drain wire
- PVC inner sheath, black
- PVC outer sheath, black or blue
- Galvanized steel wire armoured

Technical data



Classification

ETIM 5.0 Class-Description: Control cable
ETIM 5.0 Class-ID: EC000104



Core identification code

Pair: black and white
Multipair: black and white with numbers



Conductor stranding

acc. to BS 6360 / IEC 60228 Cl. 2



Minimum bending radius

10 x cable diameter



Nominal voltage

500 V
< 50 VAC / < 75 VDC for Intrinsically Safe (IS) circuits application



Temperature range

-30°C to +90°C

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® INSTRUM RE-2X(ST)YRY					
1270400	1x2x0.5	11.3	black	14.4	218
1270401	1x2x0.5	11.3	blue	14.4	218
1270402	2x2x0.5	14.4	black	24.0	335
1270403	2x2x0.5	14.4	blue	24.0	335
1270404	4x2x0.5	16.1	black	43.2	392
1270405	4x2x0.5	16.1	blue	43.2	392
1270406	6x2x0.5	19.2	black	62.4	527
1270407	6x2x0.5	19.2	blue	62.4	527
1270408	8x2x0.5	20.8	black	81.6	722
1270409	8x2x0.5	20.8	blue	81.6	722
1270410	10x2x0.5	23.8	black	100.8	822
1270411	10x2x0.5	23.8	blue	100.8	822
1270412	12x2x0.5	24.3	black	120.0	903
1270413	12x2x0.5	24.3	blue	120.0	903
1270440	1x2x0.75	11.7	black	19.2	237
1270441	1x2x0.75	11.7	blue	19.2	237
1270442	2x2x0.75	15.3	black	33.6	378
1270443	2x2x0.75	15.3	blue	33.6	378
1270444	4x2x0.75	17.6	black	62.4	526
1270445	4x2x0.75	17.6	blue	62.4	526
1270446	6x2x0.75	20.2	black	91.2	670
1270447	6x2x0.75	20.2	blue	91.2	670
1270448	8x2x0.75	22.3	black	120.0	785
1270449	8x2x0.75	22.3	blue	120.0	785
1270450	10x2x0.75	25.4	black	148.8	1,045
1270451	10x2x0.75	25.4	blue	148.8	1,045
1270452	12x2x0.75	26.2	black	177.6	1,115
1270453	12x2x0.75	26.2	blue	177.6	1,115
1270480	1x2x1	12.3	black	24.0	255
1270481	1x2x1	12.3	blue	24.0	255
1270482	2x2x1	15.9	black	43.2	385
1270483	2x2x1	15.9	blue	43.2	385
1270484	4x2x1	18.8	black	81.6	595
1270485	4x2x1	18.8	blue	81.6	595
1270486	6x2x1	21.4	black	120.0	735

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
1270487	6x2x1	21.4	blue	120.0	735
1270488	8x2x1	24.1	black	158.4	995
1270489	8x2x1	24.1	blue	158.4	995
1270490	10x2x1	26.8	black	196.8	1,153
1270491	10x2x1	26.8	blue	196.8	1,153
1270492	12x2x1	27.4	black	235.2	1,238
1270493	12x2x1	27.4	blue	235.2	1,238
1270530	1x2x1.5	12.9	black	33.6	281
1270531	1x2x1.5	12.9	blue	33.6	281
1270532	2x2x1.5	17.6	black	62.4	525
1270533	2x2x1.5	17.6	blue	62.4	525
1270534	4x2x1.5	20.0	black	120.0	676
1270535	4x2x1.5	20.0	blue	120.0	676
1270536	6x2x1.5	23.7	black	177.6	985
1270537	6x2x1.5	23.7	blue	177.6	985
1270538	8x2x1.5	26.2	black	235.2	1,162
1270539	8x2x1.5	26.2	blue	235.2	1,162
1270540	10x2x1.5	29.0	black	292.8	1,354
1270541	10x2x1.5	29.0	blue	292.8	1,354
1270542	12x2x1.5	29.9	black	350.4	1,473
1270543	12x2x1.5	29.9	blue	350.4	1,473
1270570	1x2x2.5	14.4	black	52.8	350
1270571	1x2x2.5	14.4	blue	52.8	350
1270572	2x2x2.5	20.1	black	100.8	658
1270573	2x2x2.5	20.1	blue	100.8	658
1270574	4x2x2.5	23.5	black	196.8	1,005
1270575	4x2x2.5	23.5	blue	196.8	1,005
1270576	6x2x2.5	27.2	black	292.8	1,266
1270577	6x2x2.5	27.2	blue	292.8	1,266
1270578	8x2x2.5	30.2	black	388.8	1,510
1270579	8x2x2.5	30.2	blue	388.8	1,510
1270580	10x2x2.5	33.9	black	484.8	1,818
1270581	10x2x2.5	33.9	blue	484.8	1,818
1270582	12x2x2.5	35.6	black	580.8	2,206
1270583	12x2x2.5	35.6	blue	580.8	2,206

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ÖLFLEX® INSTRUM RE-2X(ST)YRY PiMF



Info

- Armoured XLPE insulation
- Individual and Overall Screen



Application range

- For communication, data and voice transmission signal in industrial process manufacturing plants
- Oil and Gas industry
- Petrochemical industry
- Generally used for indoor installation and suitable for wet and damp areas
- The Blue outer sheath is suitable for use with Group 2 Intrinsically Safe (IS) systems in hazardous areas where the voltage range is <50 VAC / <75 VDC

Product features

- Flame retardant in acc. to IEC 60332-3-24

Norm references / Approvals

- Based on EN 50288-7

Product Make-up

- Stranded plain annealed copper wires
- XLPE core insulation
- Pairs are individually and collectively screened with aluminium polyester tape
- Tinned copper drain wire
- PVC inner sheath, black
- PVC outer sheath, black or blue
- Galvanized steel wire armoured

Technical data



Classification

ETIM 5.0 Class-Description: Control cable
ETIM 5.0 Class-ID: EC000104



Core identification code

Pair: black and white
Multipair: black and white with numbers



Conductor stranding

acc. to BS 6360 / IEC 60228 Cl. 2



Minimum bending radius

10 x cable diameter



Nominal voltage

500 V
< 50 VAC / < 75 VDC for Intrinsically Safe (IS) circuits application



Temperature range

-30°C to +90°C

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® INSTRUM RE-2X(ST)YRY PiMF					
1270600	2x2x0.5	15.4	black	33.6	349
1270601	2x2x0.5	15.4	blue	33.6	349
1270602	4x2x0.5	17.7	black	62.4	514
1270603	4x2x0.5	17.7	blue	62.4	514
1270604	6x2x0.5	20.2	black	91.2	629
1270605	6x2x0.5	20.2	blue	91.2	629
1270606	8x2x0.5	22.3	black	120.0	742
1270607	8x2x0.5	22.3	blue	120.0	742
1270608	10x2x0.5	25.3	black	148.8	999
1270609	10x2x0.5	25.3	blue	148.8	999
1270610	12x2x0.5	26.1	black	177.6	1,058
1270611	12x2x0.5	26.1	blue	177.6	1,058
1270640	2x2x0.75	16.1	black	43.2	383
1270641	2x2x0.75	16.1	blue	43.2	383
1270642	4x2x0.75	19.0	black	81.6	579
1270643	4x2x0.75	19.0	blue	81.6	579
1270644	6x2x0.75	21.6	black	120.0	730
1270645	6x2x0.75	21.6	blue	120.0	730
1270646	8x2x0.75	24.3	black	158.4	961
1270647	8x2x0.75	24.3	blue	158.4	961
1270648	10x2x0.75	27.0	black	196.8	1,130
1270649	10x2x0.75	27.0	blue	196.8	1,130
1270650	12x2x0.75	27.9	black	235.2	1,200
1270651	12x2x0.75	27.9	blue	235.2	1,200
1270680	2x2x1	17.5	black	52.8	497
1270681	2x2x1	17.5	blue	52.8	497
1270682	4x2x1	19.7	black	100.8	628
1270683	4x2x1	19.7	blue	100.8	628
1270684	6x2x1	23.5	black	148.8	911
1270685	6x2x1	23.5	blue	148.8	911

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
1270686	8x2x1	25.9	black	196.8	1,084
1270687	8x2x1	25.9	blue	196.8	1,084
1270688	10x2x1	28.5	black	244.8	1,255
1270689	10x2x1	28.5	blue	244.8	1,255
1270690	12x2x1	29.4	black	292.8	1,338
1270691	12x2x1	29.4	blue	292.8	1,338
1270730	2x2x1.5	19.0	black	72.0	574
1270731	2x2x1.5	19.0	blue	72.0	574
1270732	4x2x1.5	21.3	black	139.2	731
1270733	4x2x1.5	21.3	blue	139.2	731
1270734	6x2x1.5	25.3	black	206.4	1,065
1270735	6x2x1.5	25.3	blue	206.4	1,065
1270736	8x2x1.5	27.9	black	273.6	1,247
1270737	8x2x1.5	27.9	blue	273.6	1,247
1270738	10x2x1.5	31.1	black	340.8	1,473
1270739	10x2x1.5	31.1	blue	340.8	1,473
1270740	12x2x1.5	31.9	black	408.0	1,582
1270741	12x2x1.5	31.9	blue	408.0	1,582
1270760	2x2x2.5	21.4	black	110.4	710
1270761	2x2x2.5	21.4	blue	110.4	710
1270762	4x2x2.5	25.1	black	216.0	1,080
1270763	4x2x2.5	25.1	blue	216.0	1,080
1270764	6x2x2.5	29.0	black	321.6	1,370
1270765	6x2x2.5	29.0	blue	321.6	1,370
1270766	8x2x2.5	32.2	black	427.2	1,621
1270767	8x2x2.5	32.2	blue	427.2	1,621
1270768	10x2x2.5	37.0	black	532.8	2,170
1270769	10x2x2.5	37.0	blue	532.8	2,170
1270770	12x2x2.5	38.1	black	638.4	2,355
1270771	12x2x2.5	38.1	blue	638.4	2,355

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ÖLFLEX® INSTRUM RE-Y(ST)YRY



Info

- Armoured PVC (V-90HT) Heat Resistant
- Overall Screen

Application range

- For communication, data and voice transmission signal in industrial process manufacturing plants
- Oil and Gas industry
- Petrochemical industry
- Generally used for indoor installation and suitable for wet and damp areas
- The Blue outer sheath is suitable for use with Group 2 Intrinsically Safe (IS) systems in hazardous areas where the voltage range is <50 VAC / <75 VDC

Product features

- Flame retardant in acc. to IEC 60332-3-24

Norm references / Approvals

- Based on EN 50288-7

Product Make-up

- Stranded plain annealed copper wires
- PVC (V-90HT) core insulation
- Pairs are collectively screened with aluminium polyester tape
- Tinned copper drain wire
- PVC inner sheath, black
- PVC outer sheath, black or blue
- Galvanized steel wire armoured

Technical data

Classification
 ETIM 5.0 Class-Description: Data cable
 ETIM 5.0 Class-ID: EC000 104

Core identification code
 Pair: black and white
 Multipair: black and white with numbers
 Multicore: black with numbers (4C and above)

Conductor stranding
 acc. to BS 6360 / IEC 60228 Cl. 2

Minimum bending radius
 10 x cable diameter

Nominal voltage
 500 V
 < 50 VAC / < 75 VDC for Intrinsically Safe (IS) circuits application

Temperature range
 -30°C to +105°C

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® INSTRUM RE-Y(ST)YRY					
127 1380	1x2x0.5	11.3	black	14.4	248
127 1381	1x2x0.5	11.3	blue	14.4	248
127 1382	2x2x0.5	14.4	black	24.0	365
127 1383	2x2x0.5	14.4	blue	24.0	365
127 1404	3x2x0.5	15.2	black	33.6	406
127 1405	3x2x0.5	15.2	blue	33.6	406
127 1384	4x2x0.5	16.1	black	43.2	455
127 1385	4x2x0.5	16.1	blue	43.2	455
127 1420	1x2x0.75	11.7	black	19.2	264
127 1421	1x2x0.75	11.7	blue	19.2	264
127 1422	2x2x0.75	15.3	black	33.6	395
127 1423	2x2x0.75	15.3	blue	33.6	395
127 1444	3x2x0.75	15.9	black	48.1	486
127 1445	3x2x0.75	15.9	blue	48.1	486
127 1424	4x2x0.75	17.6	black	62.4	603
127 1425	4x2x0.75	17.6	blue	62.4	603
127 1460	1x2x1.0	12.3	black	24.0	270
127 1461	1x2x1.0	12.3	blue	24.0	270
127 1462	2x2x1.0	15.9	black	43.2	429
127 1463	2x2x1.0	15.9	blue	43.2	429
127 1486	3x2x1.0	17.3	black	62.4	569
127 1487	3x2x1.0	17.3	blue	62.4	569
127 1464	4x2x1.0	18.8	black	81.6	753
127 1465	4x2x1.0	18.8	blue	81.6	753
127 1500	1x2x1.5	12.9	black	33.6	336
127 1501	1x2x1.5	12.9	blue	33.6	336
127 1502	2x2x1.5	17.6	black	62.4	589
127 1503	2x2x1.5	17.6	blue	62.4	589
127 1524	3x2x1.5	18.7	black	91.2	675
127 1525	3x2x1.5	18.7	blue	91.2	675
127 1504	4x2x1.5	20.0	black	120.0	849
127 1505	4x2x1.5	20.0	blue	120.0	849
127 1550	1x2x2.5	14.4	black	52.8	407
127 1551	1x2x2.5	14.4	blue	52.8	407
127 1552	2x2x2.5	20.1	black	100.8	689
127 1553	2x2x2.5	20.1	blue	100.8	689
127 1576	3x2x2.5	21.0	black	148.8	855
127 1577	3x2x2.5	21.0	blue	148.8	855
127 1554	4x2x2.5	23.5	black	196.8	1,111
127 1555	4x2x2.5	23.5	blue	196.8	1,111

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
127 1800	3x0.5	11.6	black	19.2	280
127 1801	3x0.5	11.6	blue	19.2	280
127 1802	4x0.5	12.4	black	24.0	335
127 1803	4x0.5	12.4	blue	24.0	335
127 1804	6x0.5	13.6	black	33.6	360
127 1805	6x0.5	13.6	blue	33.6	360
127 1818	8x0.5	15.0	black	43.2	445
127 1819	8x0.5	15.0	blue	43.2	445
127 1806	10x0.5	16.1	black	52.8	510
127 1807	10x0.5	16.1	blue	52.8	510
127 1830	3x0.75	12.3	black	26.4	305
127 1831	3x0.75	12.3	blue	26.4	305
127 1832	4x0.75	12.9	black	33.6	355
127 1833	4x0.75	12.9	blue	33.6	355
127 1834	6x0.75	14.5	black	48.0	400
127 1835	6x0.75	14.5	blue	48.0	400
127 1848	8x0.75	15.7	black	62.4	502
127 1849	8x0.75	15.7	blue	62.4	502
127 1836	10x0.75	17.9	black	76.8	565
127 1837	10x0.75	17.9	blue	76.8	565
127 1860	3x1.5	13.3	black	48.0	380
127 1861	3x1.5	13.3	blue	48.0	380
127 1862	4x1.5	14.1	black	62.4	420
127 1863	4x1.5	14.1	blue	62.4	420
127 1864	6x1.5	16.1	black	91.2	540
127 1865	6x1.5	16.1	blue	91.2	540
127 1879	8x1.5	18.3	black	120.0	618
127 1880	8x1.5	18.3	blue	120.0	618
127 1866	10x1.5	20.0	black	148.8	750
127 1867	10x1.5	20.0	blue	148.8	750
127 1900	3x2.5	15.1	black	76.8	500
127 1901	3x2.5	15.1	blue	76.8	500
127 1902	4x2.5	16.0	black	100.8	535
127 1903	4x2.5	16.0	blue	100.8	535
127 1904	6x2.5	19.1	black	148.8	780
127 1905	6x2.5	19.1	blue	148.8	780
127 1918	8x2.5	20.7	black	196.8	856
127 1919	8x2.5	20.7	blue	196.8	856
127 1906	10x2.5	23.6	black	244.8	940
127 1907	10x2.5	23.6	blue	244.8	940

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ÖLFLEX® INSTRUM RE-Y(ST)YRY PiMF



Info

- Armoured PVC (V-90HT) Heat Resistant
- Individual and Overall Screen



Application range

- For communication, data and voice transmission signal in industrial process manufacturing plants
- Oil and Gas industry
- Petrochemical industry
- Generally used for indoor installation and suitable for wet and damp areas
- The Blue outer sheath is suitable for use with Group 2 Intrinsically Safe (IS) systems in hazardous areas where the voltage range is <50 VAC / <75 VDC

Product features

- Flame retardant in acc. to IEC 60332-3-24

Norm references / Approvals

- Based on EN 50288-7

Product Make-up

- Stranded plain annealed copper wires
- PVC (V-90HT) core insulation
- Pairs are individually and collectively screened with aluminium polyester tape
- Tinned copper drain wire
- PVC inner sheath, black
- PVC outer sheath, black or blue
- Galvanized steel wire armoured

Technical data

	Classification ETIM 5.0 Class-Description: Data cable ETIM 5.0 Class-ID: EC000104
	Core identification code Pair: black and white Multipair: black and white with numbers Multicore: black with numbers
	Conductor stranding acc. to BS 6360 / IEC 60228 Cl. 2
	Minimum bending radius 10 x cable diameter
	Nominal voltage 500 V < 50 VAC / < 75 VDC for Intrinsically Safe (IS) circuits application
	Temperature range -30°C to +105°C

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® INSTRUM RE-Y(ST)YRY PiMF					
1271600	2x2x0.5	15.4	black	33.6	116
1271601	2x2x0.5	15.4	blue	33.6	116
1271624	3x2x0.5	16.0	black	48.0	155
1271625	3x2x0.5	16.0	blue	48.0	155
1271602	4x2x0.5	17.7	black	62.4	202
1271603	4x2x0.5	17.7	blue	62.4	202
1271626	5x2x0.5	19.1	black	76.8	238
1271627	5x2x0.5	19.1	blue	76.8	238
1271604	6x2x0.5	20.2	black	91.2	275
1271605	6x2x0.5	20.2	blue	91.2	275
1271606	8x2x0.5	22.3	black	120.0	336
1271607	8x2x0.5	22.3	blue	120.0	336
1271608	10x2x0.5	25.3	black	148.8	418
1271609	10x2x0.5	25.3	blue	148.8	418
1271610	12x2x0.5	26.1	black	177.6	490
1271611	12x2x0.5	26.1	blue	177.6	490
1271080	2x2x0.75	16.1	black	43.2	451
1271081	2x2x0.75	16.1	blue	43.2	451
1271104	3x2x0.75	17.5	black	62.4	565
1271105	3x2x0.75	17.5	blue	62.4	565
1271082	4x2x0.75	19.0	black	81.6	717
1271083	4x2x0.75	19.0	blue	81.6	717
1271106	5x2x0.75	20.1	black	100.8	838
1271107	5x2x0.75	20.1	blue	100.8	838
1271084	6x2x0.75	21.6	black	120.0	952
1271085	6x2x0.75	21.6	blue	120.0	952
1271086	8x2x0.75	24.3	black	158.4	1,084
1271087	8x2x0.75	24.3	blue	158.4	1,084
1271088	10x2x0.75	27.0	black	196.8	1,458
1271089	10x2x0.75	27.0	blue	196.8	1,458
1271090	12x2x0.75	27.9	black	235.2	1,612
1271091	12x2x0.75	27.9	blue	235.2	1,612
1271680	2x2x1.0	17.5	black	52.8	564
1271681	2x2x1.0	17.5	blue	52.8	564
1271704	3x2x1.0	18.6	black	76.8	710
1271705	3x2x1.0	18.6	blue	76.8	710
1271682	4x2x1.0	19.7	black	100.8	879
1271683	4x2x1.0	19.7	blue	100.8	879
1271706	5x2x1.0	21.0	black	124.8	998
1271707	5x2x1.0	21.0	blue	124.8	998

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
1271684	6x2x1.0	23.5	black	148.8	1,189
1271685	6x2x1.0	23.5	blue	148.8	1,189
1271686	8x2x1.0	25.9	black	196.8	1,354
1271687	8x2x1.0	25.9	blue	196.8	1,354
1271688	10x2x1.0	28.5	black	244.8	1,822
1271689	10x2x1.0	28.5	blue	244.8	1,822
1271690	12x2x1.0	29.4	black	292.8	2,014
1271691	12x2x1.0	29.4	blue	292.8	2,014
1271720	2x2x1.5	19.0	black	72.0	644
1271721	2x2x1.5	19.0	blue	72.0	644
1271746	3x2x1.5	19.8	black	105.6	788
1271747	3x2x1.5	19.8	blue	105.6	788
1271722	4x2x1.5	21.3	black	139.2	970
1271723	4x2x1.5	21.3	blue	139.2	970
1271742	5x2x1.5	23.6	black	172.8	1,128
1271743	5x2x1.5	23.6	blue	172.8	1,128
1271724	6x2x1.5	25.3	black	206.4	1,315
1271725	6x2x1.5	25.3	blue	206.4	1,315
1271726	8x2x1.5	27.9	black	273.6	1,584
1271727	8x2x1.5	27.9	blue	273.6	1,584
1271728	10x2x1.5	31.1	black	340.8	1,865
1271729	10x2x1.5	31.1	blue	340.8	1,865
1271730	12x2x1.5	31.9	black	408.0	2,085
1271731	12x2x1.5	31.9	blue	408.0	2,085
1271760	2x2x2.5	21.4	black	110.4	803
1271761	2x2x2.5	21.4	blue	110.4	803
1271784	3x2x2.5	22.6	black	163.2	956
1271785	3x2x2.5	22.6	blue	163.2	956
1271762	4x2x2.5	25.1	black	216.0	1,139
1271763	4x2x2.5	25.1	blue	216.0	1,139
1271786	5x2x2.5	27.0	black	268.8	1,386
1271787	5x2x2.5	27.0	blue	268.8	1,386
1271764	6x2x2.5	29.0	black	321.6	1,705
1271765	6x2x2.5	29.0	blue	321.6	1,705
1271766	8x2x2.5	32.2	black	427.2	1,997
1271767	8x2x2.5	32.2	blue	427.2	1,997
1271768	10x2x2.5	37.0	black	532.8	2,376
1271769	10x2x2.5	37.0	blue	532.8	2,376
1271770	12x2x2.5	38.1	black	638.4	2,717
1271771	12x2x2.5	38.1	blue	638.4	2,717

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For current information see: <http://e.lapp.com/ap/>



ÖLFLEX® POWER LV PVC FR ARM

PVC Insulated Heavy Duty Application FR PVC Armoured Cable

As per IS 1554 (Part-I) 1988



Info

- Low voltage power cable 650 / 1100 V
- Armoured and double sheathed FR cable for heavy duty / direct burial application

Benefits

- Wide range of product variants, up to 300 articles

Application range

- For main power distribution and lighting circuits in residential and commercial areas
- Power and control circuit
- Telecom power supply
- Suitable for direct burial installations as well as in air or ducts
- Armoured cable best suitable for heavy duty installations

Norm references / Approvals

- IS 1554 (Part-I) 1988

Product features

- Flame retardant: According to IEC 60332-1

- UV - resistant outer sheath for outdoor application and AR best suitable anti rodent application

Product Make-up

- Conductor : Annealed bare copper conductor of Class II as per IS 8130
- Insulation : PVC
- Inner Sheath :
 - PVC
 - FRLS PVC
- Mechanical Protection :
 - WA - Aluminium Wire Armour
 - SWA - GI wire Armour
 - SSA - GI strip Armour
- Outer Sheath :
 - PVC
 - PVC with UVAR
 - FRLS PVC
 - FRLS PVC with UVAR

Technical data

- Core identification code**
As per IS 1554 (Part-I) 1988
- Conductor stranding**
Class II as per IS 8130
- Minimum bending radius**
15 Times the OD
- Nominal voltage**
1100 Volts
- Temperature range**
-5°C up to +70°C

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® POWER LV FR SSA - RIYSSAY1BK				
382004280	10 X 1.5	18.8	133.2	676
382004284	14 X 1.5	20.5	186.5	825
382004289	19 X 1.5	22.4	253.1	1,010
382004294	24 X 1.5	25.6	319.7	1,210
382004297	27 X 1.5	26.1	359.6	1,309
382004340	10 X 2.5	21.6	217.6	890
382004414	3 X 16	20.6	277.4	972
ÖLFLEX® POWER LV FR SWA - RIYSSAY1BK				
382004392	1 X 4	11.0	34.6	263
ÖLFLEX® POWER LV FR SWA - RIYSSAY1BK				
382004272	2 X 1.5	13.6	26.6	392
382004273	3 X 1.5	14.1	40.0	440
382004274	4 X 1.5	15.0	53.3	500
382004275	5 X 1.5	15.9	66.6	563
382004277	7 X 1.5	16.8	93.2	610
382004332	2 X 2.5	14.8	43.5	608
382004333	3 X 2.5	15.4	65.2	522
382004334	4 X 2.5	16.4	87.0	608
382004411	2 X 4	16.2	69.2	575
382004453	4 X 6	20.0	207.2	924
ÖLFLEX® POWER LV FR SSA UVAR - RIYSSAYUVAR1BK				
382004604	1 X 1000	55.8	9,017.6	11,501
ÖLFLEX® POWER LV FR SSA UVAR - RIYSSAYUVAR1BK				
382004476	12 X 1.5	19.7	159.8	770
382004482	18 X 1.5	22.4	239.7	988
382004489	25 X 1.5	25.6	333.0	1,233
382004536	12 X 2.5	22.2	261.0	965
382004635	3 X 25 + 1 X 16	26.3	797.0	1,656
382004659	4 X 300	68.1	10,563.0	14,055
382004634	3 X 400	64.7	10,130.4	13,357

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® POWER LV FR SWA UVAR - RIYSSWAYUVAR1BK				
382004466	2 X 1.5	13.6	26.6	392
382004467	3 X 1.5	14.1	40.0	440
382004468	4 X 1.5	15.0	53.3	500
382004469	5 X 1.5	15.9	66.6	563
382004471	7 X 1.5	16.8	93.2	610
382004527	3 X 2.5	15.4	65.2	522
382004620	3 X 4	16.9	103.8	650
382004646	4 X 4	18.1	138.4	745
ÖLFLEX® POWER LV FRLS ARM - RIYWAYC11BK				
382005437	1 X 6	11.6	51.8	217
ÖLFLEX® POWER LV FRLS SWA - RIYCY1SWAYC11BK				
382005050	4 X 1.5	15.0	53.3	154
382005052	6 X 1.5	16.8	79.9	600
382005109	3 X 2.5	15.4	65.2	537
382005110	4 X 2.5	16.4	87.0	623
382005183	3 X 4	16.9	103.8	667
382005209	4 X 4	18.1	138.4	763
ÖLFLEX® POWER LV FRLS SWA - RIYSSWAYC11BK				
382004661	3 X 1.5	14.1	40.0	448
382004662	4 X 1.5	15.0	53.3	509
382004721	3 X 2.5	15.4	65.2	531
382004722	4 X 2.5	16.4	87.0	618
382004814	3 X 4	16.9	103.8	660
382004840	4 X 4	18.1	138.4	756
ÖLFLEX® POWER LV FRLS SW UVAR - RIYSSWAYC1UVAR1BK				
382004856	4 X 1.5	15.0	53.3	509
382004857	5 X 1.5	15.9	66.6	572
382004916	4 X 2.5	16.4	87.0	618
382005008	3 X 4	16.9	103.8	660
382005034	4 X 4	18.1	138.4	756
ÖLFLEX® POWER LV FRLS SWA UVAR - RIYCY1SWAYC1UVAR1BK				
382005225	4 X 1.5	15.0	53.3	514
382005285	4 X 2.5	16.4	87.0	623
382005358	3 X 4	16.9	103.8	667

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ÖLFLEX® POWER LV HR PVC FR ARM

PVC Insulated Heavy Duty Application Heat Resistant (HR) FR PVC Armoured Cable As per IS 1554 (Part-I) 1988



Info

- Low voltage power cable 650/1100 V
- Armoured and double sheathed FR cable for heavy duty / direct burial application



Benefits

- Wide range of product variants, up to 300 articles
- Extra mechanical protection due to Steel Armour
- Expanded temperature application

Application range

- For main power distribution and lighting circuits in residential and commercial areas
- Power and control circuit
- Telecom power supply
- Suitable for direct burial installations as well as in air or ducts
- Armoured cable best suitable for heavy duty installations
- For expanded temperature application
- Particularly where human and animal life as well as valuable property are exposed to risk of fire hazards

Product features

- Flame retardant: According to IEC 60332-1-2 / IEC 60332-3-24
- UV-resistant outer sheath for outdoor application and AR best suitable anti rodent application

- Oxygen Index(Min.) : >29% as per ASTM D 2863 (only for FRLS Outer Sheath)
- Temp. Index (Min.) : >250 Deg C as per ASTM D 2863 (only for FRLS Outer Sheath)
- HCL gas emission (Max.): 20% By weight; Smoke Density : Min. Visibility 40% (only for FRLS Outer Sheath)

Norm references / Approvals

- IS 1554 (Part-I) 1988

Product Make-up

- Conductor : Annealed bare copper conductor of Class II as per IS 8130
- Insulation : PVC
- Inner Sheath :
 - i) PVC
 - ii) FRLS PVC
- Mechanical Protection :
 - i) WA - Aluminium Wire Armour
 - ii) SWA - GI wire Armour
 - iii) SSA - GI strip Armour
- Outer Sheath :
 - i) FRLS PVC
 - ii) FRLS PVC with UVAR

Technical data

- Core identification code**
As per IS 1554 (Part-I) 1988
- Conductor stranding**
Class II as per IS 8130
- Minimum bending radius**
15 Times the OD
- Nominal voltage**
1100 Volts
- Temperature range**
-5°C up to +85°C

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® POWER LV HR FR SSA - RIY3Y2SSAY2 1BK				
382006610	12 X 1.5	19.7	159.8	770
382006670	12 X 2.5	22.2	261.0	965
ÖLFLEX® POWER LV HR FR SWA - RIY3Y2SWAY2 1BK				
382006600	2 X 1.5	13.6	26.6	392
382006601	3 X 1.5	14.1	40.0	440
382006602	4 X 1.5	15.0	53.3	500
382006605	7 X 1.5	16.8	93.2	610
382006661	3 X 2.5	15.4	65.2	522
382006662	4 X 2.5	16.4	87.0	608
382006665	7 X 2.5	18.6	152.2	760
382006739	2 X 4	16.2	69.2	575
382006754	3 X 4	16.9	103.8	650
382006780	4 X 4	18.1	138.4	745
ÖLFLEX® POWER LV HR FR SSA UVAR - RIY3Y2SSAY2UVAR1BK				
382006804	12 X 1.5	19.7	159.8	770
382006864	12 X 2.5	22.2	261.0	965
382006863	3 X 2.5 + 1 X 16	26.3	797.0	1,656
ÖLFLEX® POWER LV HR FR SWA UVAR - RIY3Y2SWAY2UVAR1BK				
382006795	3 X 1.5	14.1	40.0	440
382006796	4 X 1.5	15.0	53.3	500
382006855	3 X 2.5	15.4	65.2	522
382006856	4 X 2.5	16.4	87.0	608
382006948	3 X 4	16.9	103.8	650
382006974	4 X 4	18.1	138.4	745

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® POWER LV HR FRLS SWA - RIY3Y2SWAYC2 1BK				
382006989	3 X 1.5	14.1	40.0	448
382006990	4 X 1.5	15.0	53.3	509
382007049	3 X 2.5	15.4	65.2	531
382007050	4 X 2.5	16.4	87.0	618
382007142	3 X 4	16.9	103.8	660
382007168	4 X 4	18.1	138.4	756
ÖLFLEX® POWER LV HR FRLS SWA - RIY3Y2SWAYC2 1BK				
382007377	3 X 1.5	14.1	40.0	452
382007378	4 X 1.5	15.0	53.3	514
382007437	3 X 2.5	15.4	65.2	537
382007438	4 X 2.5	16.4	87.0	623
382007511	3 X 4	16.9	103.8	667
382007537	4 X 4	18.1	138.4	763
ÖLFLEX® POWER LV HR FRLS SWA UVAR - RIY3Y2SWAYC2UVAR1BK				
382007183	3 X 1.5	14.1	40.0	448
382007184	4 X 1.5	15.0	53.3	509
382007243	3 X 2.5	15.4	65.2	531
382007244	4 X 2.5	16.4	87.0	618
382007336	3 X 4	16.9	103.8	660
382007362	4 X 4	18.1	138.4	756
ÖLFLEX® POWER LV HR FRLS SWA UVAR - RIY3Y2SWAYC2UVAR1BK				
382007552	3 X 1.5	14.1	40.0	452
382007553	4 X 1.5	15.0	53.3	514
382007612	3 X 2.5	15.4	65.2	537
382007613	4 X 2.5	16.4	87.0	623
382007686	3 X 4	16.9	103.8	667
382007712	4 X 4	18.1	138.4	763

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ÖLFLEX® POWER LV 2X ARM

XLPE Insulated Heavy Duty Application FR PVC Armoured Cable

As per IS 7098 (Part-I) 1988

Info

- Low voltage power cable 650/1100 V
- Armoured and double sheathed cable for heavy duty / direct burial application



Benefits

- Wide range of product variants, up to 300 articles
- Extra mechanical protection due to Steel Armour

Application range

- For main power distribution and lighting circuits in residential and commercial areas
- Power and control circuit
- Telecom power supply
- Suitable for direct burial installations as well as in air or ducts
- Armoured cable best suitable for heavy duty installations
- For expanded temperature application

Norm references / Approvals

- IS 7098 (Part-I) 1988

Product features

- Flame retardant: According to IEC 60332-1

- UV - resistant outer sheath for outdoor application and AR best suitable anti rodent application

Product Make-up

- Conductor : Annealed bare copper conductor of Class II as per IS 8130
- Insulation : XLPE
- Inner Sheath :
 - PVC
 - FRLS PVC
 - LSZH
- Mechanical Protection :
 - WA - Aluminium Wire Armour;
 - SWA - GI wire Armour;
 - SSA - GI strip Armour
- Outer Sheath :
 - PVC
 - PVC with UVAR
 - FRLS PVC
 - FRLS PVC with UVAR
 - LSZH
 - LSZH with UVAR

Technical data

- Core identification code**
As per IS 7098 (Part-I) 1988
- Conductor stranding**
Class II as per IS 8130
- Minimum bending radius**
15 Times the OD
- Nominal voltage**
1100 Volts
- Temperature range**
-5°C up to +90°C

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® POWER LV 2X FR SSA - RI2XY2SSAY2 1BK				
382001528	12 X 1.5	18.5	159.8	668
382001532	16 X 1.5	20.5	213.1	803
382001540	24 X 1.5	24.4	319.7	1072
382001588	12 X 2.5	20.6	261.0	843
382001700	4 X 10	19.5	348.7	933
382001701	4 X 16	22.2	554.8	1,262
382001702	4 X 25	26.3	877.7	1,823
382001703	4 X 35	29.2	1,217.7	2,309
ÖLFLEX® POWER LV 2X FR SSA - RI2XY2SSAY2 1BK				
382001518	2 X 1.5	13.2	26.6	364
382001519	3 X 1.5	13.7	40.0	409
382001520	4 X 1.5	14.5	53.3	451
382001521	5 X 1.5	15.3	66.6	506
382001522	6 X 1.5	16.2	79.9	531
382001523	7 X 1.5	16.2	93.2	550
382001525	9 X 1.5	18.6	119.9	685
382001524	8 X 1.5	17.6	106.6	620
382001526	10 X 1.5	19.6	133.2	741
382001578	2 X 2.5	14.0	43.5	422
382001579	3 X 2.5	14.6	65.2	477
382001580	4 X 2.5	15.4	87.0	527
382001672	3 X 4	15.6	103.8	560
382001698	4 X 4	16.7	138.4	644
382001673	3 X 6	16.9	155.4	677
382001699	4 X 6	18.1	207.2	780
382001674	3 X 10	19.3	261.5	897
ÖLFLEX® POWER LV 2X FR SSA UVAR - RI2XY2SSAY2UVAR1BK				
382001726	16 X 1.5	20.5	213.1	803
382001742	32 X 1.5	26.5	426.2	1,294
382001869	3 X 16	20.5	416.1	1,055
382001895	4 X 16	22.2	554.8	1,262

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® POWER LV 2X FR SWA UVAR - RI2XY2SWAY2UVAR1BK				
382001712	2 X 1.5	13.2	26.6	364
382001714	4 X 1.5	14.5	53.3	451
382001713	3 X 1.5	13.7	40.0	409
382001773	3 X 2.5	14.6	65.2	477
382001774	4 X 2.5	15.4	87.0	527
382001866	3 X 4	15.6	103.8	560
382001892	4 X 4	16.7	138.4	644
382001867	3 X 6	16.9	155.4	677
ÖLFLEX® POWER LV 2X LSZH SSA - RI2XHXSAY2 1BK				
382002662	20 X 1.5	22.9	266.4	1,794
382002722	20 X 2.5	25.0	435.0	2,122
382002826	4 X 10	20.0	348.7	1,654
ÖLFLEX® POWER LV 2X LSZH SWA - RI2XHXSAY2 1BK				
382002652	10 X 1.5	20.1	133.2	1,461
382002645	3 X 1.5	14.2	40.0	1,575
382002646	4 X 1.5	15.0	53.3	1,704
382002704	2 X 2.5	14.5	43.5	1,622
382002705	3 X 2.5	15.1	65.2	1,742
382002706	4 X 2.5	15.9	87.0	1,879
382002783	2 X 4	15.5	69.2	1,816
382002798	3 X 4	16.1	103.8	1,935
382002824	4 X 4	17.2	138.4	1,844
382002800	3 X 10	19.8	261.5	2,294
ÖLFLEX® POWER LV 2X LSZH UVAR - RI2XHXSAY2UVAR1BK				
382001517	4 X 300	59.1	10,563.0	12,166
382001503	3 X 400 + 1 X 185	65.9	11,731.9	13,618
ÖLFLEX® POWER LV 2X LSZH SSA UVAR - RI2XHXSAY2UVAR1BK				
382003020	4 X 10	20.0	348.7	1,654
382002995	3 X 16	21.0	416.1	1,823
ÖLFLEX® POWER LV 2X LSZH SWA UVAR - RI2XHXSAY2UVAR1BK				
382002839	3 X 1.5	14.2	40.0	1,575
382002840	4 X 1.5	15.0	53.3	1,704
382002899	3 X 2.5	15.1	65.2	1,742
382002900	4 X 2.5	15.9	87.0	1,879
382003018	4 X 4	17.2	138.4	1,844

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ÖLFLEX® POWER LV (N)YYRY

Low voltage power cables



Info

- Low voltage power cable 0.6 / 1 kV
- Armoured, PVC/PVC/SWA/PVC



Application range

- For main power distribution and lighting circuits in residential, industrial and commercial areas
- Power and control circuit
- Telecom power supply
- Suitable for direct burial installations as well as in air or ducts

Product features

- Flame-retardant acc. to IEC 60332-1-2

Norm references / Approvals

- Based on IEC 60502-1

Product Make-up

- Stranded plain annealed copper wires in circular shape conductor
- PVC core insulation
- PVC inner sheath, black
- Galvanized steel wire armoured
- PVC outer sheath, black

Technical data

- Classification**
ETIM 5.0 Class-Description: Low voltage power cable
ETIM 5.0 Class-ID: EC000057
- Core identification code**
acc. to BS 7671:2004
- Conductor stranding**
acc. to IEC 60228 Cl. 2
- Minimum bending radius**
10 x cable diameter
- Nominal voltage**
U₀/U: 600/1000 V
- Temperature range**
Fixed installation: -20°C to +70°C

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® POWER LV (N)YYRY				
3803077	2 X 1.5	13.8	28.5	335
3800199	3 X 1.5	14.3	42.8	375
3800200	4 X 1.5	15.1	57.0	425
3800201	5 X 1.5	16.0	70.0	480
3800202	7 X 1.5	17.7	98.0	644
3800203	10 X 1.5	21.0	140.0	835
3800204	12 X 1.5	21.5	168.0	899
3803078	14 X 1.5	23.0	196.0	1,113
3803079	16 X 1.5	24.0	224.0	1,188
3800205	19 X 1.5	24.8	266.0	1,305
3802972	21 X 1.5	26.0	294.0	1,398
3800206	27 X 1.5	28.5	378.0	1,656
3800207	37 X 1.5	31.5	518.0	2,024
3800209	3 X 2.5	15.2	68.4	439
3800210	4 X 2.5	16.2	91.2	503
3800211	5 X 2.5	17.9	114.0	670
3800212	7 X 2.5	19.0	158.2	776
3800213	10 X 2.5	23.3	226.0	1,145
3800214	12 X 2.5	24.0	271.2	1,240
3800215	19 X 2.5	27.0	442.0	1,630
3802974	21 X 2.5	28.1	488.0	1,750
3800216	27 X 2.5	31.3	628.0	2,115
3800217	37 X 2.5	36.0	860.0	2,891
3800219	3 X 4	18.0	110.4	666
3800220	4 X 4	19.2	147.2	770
3800221	5 X 4	20.4	184.0	874
3800222	7 X 4	21.8	257.6	1,039
3800223	10 X 4	27.1	368.0	1,532
3800224	12 X 4	27.8	441.6	1,691
3800225	19 X 4	32.0	699.2	2,292
3800226	27 X 4	39.0	993.6	3,330
3800227	37 X 4	43.1	1,361.6	4,147
3802971	2 X 6	18.4	110.4	672
3800229	3 X 6	19.2	165.6	786
3800230	4 X 6	20.6	220.8	916
3800231	5 X 6	22.0	276.0	1,058
3800232	3 X 10	21.2	277.8	1,009
3800233	4 X 10	23.5	370.4	1,333
3800234	5 X 10	25.2	370.4	1,536
3803075	4 X 16	26.1	588.8	1,736
3803076	4 X 25	30.5	926.0	2,379

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For current information see: <http://e.lapp.com/ap/>



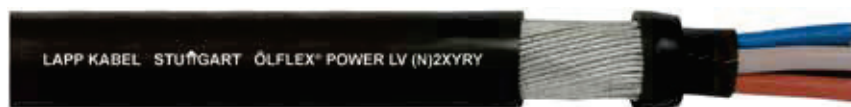
ÖLFLEX® POWER LV (N)2XYRY

Low voltage power cables



Info

- Low voltage power cable 0.6 / 1 kV
- Multicore, armoured (SWA) XLPE / PVC / SWA / PVC



Application range

- For main power distribution and lighting circuits in residential, industrial and commercial areas
- Power and control circuit
- Telecom power supply

Product features

- Flame-retardant acc. to IEC 60332-1-2
- UV-resistant outer sheath for outdoor application

Norm references / Approvals

- Based on IEC 60502-1

Product Make-up

- Stranded plain annealed copper wires in circular shape conductor
- XLPE core insulation
- PVC inner sheath, black
- Galvanized steel wire armoured
- PVC outer sheath, black

Technical data

	Classification ETIM 5.0 Class-Description: Low voltage power cable ETIM 5.0 Class-ID: EC000057
	Core identification code acc. to BS 7671:2004
	Conductor stranding acc. to IEC 60228 Cl. 2
	Minimum bending radius 10 x cable diameter
	Nominal voltage U ₀ /U: 600/1000 V
	Temperature range Fixed installation: -40°C to +90°C

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® POWER LV (N)2XYRY				
3800330	2 X 1.5	13.4	28.2	323
3800331	3 X 1.5	14.0	42.3	356
3800332	4 X 1.5	14.6	56.4	398
3804054	5 X 1.5	15.5	70.5	445
3804062	7 X 1.5	17.1	98.7	607
3804063	12 X 1.5	20.6	169.2	837
3804064	14 X 1.5	21.4	197.4	909
3804065	16 X 1.5	23.0	225.6	1,118
3804066	19 X 1.5	23.9	267.9	1,210
3804067	24 X 1.5	26.8	338.4	1,451
3800333	2 X 2.5	14.3	46.0	374
3800334	3 X 2.5	14.8	69.0	418
3800335	4 X 2.5	15.7	92.0	478
3804055	5 X 2.5	17.4	115.0	627
3804071	7 X 2.5	18.4	161.0	736
3804072	12 X 2.5	23.1	276.0	1,176
3804073	14 X 2.5	24.0	322.0	1,286
3804074	16 X 2.5	25.0	368.0	1,380
3804075	19 X 2.5	26.0	437.0	1,525
3804076	24 X 2.5	29.6	552.0	1,860
3800336	2 X 4	15.4	73.6	445
3800337	3 X 4	16.0	110.4	507
3800338	4 X 4	17.7	147.2	679
3804056	5 X 4	18.8	184.0	774
3800339	2 X 6	17.2	110.4	610
3800340	3 X 6	18.0	165.6	710
3800341	4 X 6	19.1	220.8	829
3804057	5 X 6	20.4	276.0	950
3800342	2 X 10	19.1	184.0	775
3800343	3 X 10	20.0	276.0	925
3800344	4 X 10	21.4	368.0	1,093
3804058	5 X 10	23.6	460.0	1,406
3800345	2 X 16	21.2	294.4	980
3800346	3 X 16	23.0	441.6	1,350
3800347	4 X 16	24.7	588.8	1,600
3804059	5 X 16	26.5	736.0	1,867
3800348	2 X 25	25.0	460.0	1,472
3800350	3 X 25	26.7	690.0	1,840

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
3800353	4 X 25	28.9	920.0	2,228
3804060	5 X 25	31.4	1,150.0	2,636
3800356	2 X 35 (S)	27.7	644.0	1,815
3800358	3 X 35 (S)	29.5	966.0	2,290
3800359	3 X 35 + 16	30.1	1,113.2	2,521
3800361	4 X 35 (S)	31.0	1,288.0	2,817
3804061	5 X 35	35.7	1,610.0	3,626
3800362	2 X 50 (S)	30.8	920.0	2,287
3800363	3 X 50 (S)	32.7	1,380.0	2,958
3800364	3 X 50 + 25	34.8	1,610.0	3,560
3800365	4 X 50 (S)	37.0	1,840.0	3,990
3800366	2 X 70 (S)	36.0	1,288.0	3,205
3800367	3 X 70 (S)	38.7	1,932.0	4,205
3800368	3 X 70 + 35	40.0	2,254.0	4,688
3800369	4 X 70 (S)	42.2	2,576.0	5,222
3800370	2 X 95 (S)	40.5	1,748.0	4,040
3800371	3 X 95 (S)	43.0	2,622.0	5,306
3800372	3 X 95 + 50	44.7	3,082.0	5,984
3800373	4 X 95 (S)	48.2	3,496.0	7,064
3800374	2 X 120 (S)	44.2	2,208.0	4,850
3800375	3 X 120 (S)	48.2	3,312.0	6,830
3800376	3 X 120 + 70	51.0	3,956.0	7,869
3800377	4 X 120 (S)	53.1	4,416.0	8,609
3800378	2 X 150 (S)	49.8	2,760.0	6,274
3800379	3 X 150 (S)	53.0	4,140.0	8,262
3800380	3 X 150 + 70	54.6	4,784.0	9,172
3800381	4 X 150 (S)	58.2	5,520.0	10,352
3800382	2 X 185 (S)	54.8	3,404.0	7,485
3800383	3 X 185 (S)	58.3	5,106.0	9,904
3800384	3 X 185 + 95	60.7	5,980.0	11,204
3800385	4 X 185 (S)	64.6	6,808.0	12,530
3800386	2 X 240 (S)	61.2	4,416.0	9,260
3800387	3 X 240 (S)	65.2	6,624.0	12,341
3800388	3 X 240 + 120	67.3	7,728.0	13,891
3800389	4 X 240 (S)	71.7	8,832.0	15,668
3800390	2 X 300 (S)	66.8	5,580.0	11,064
3800391	3 X 300 (S)	71.2	8,280.0	14,900
3800392	3 X 300 + 150	75.0	9,660.0	17,661
3800393	4 X 300 (S)	80.3	11,040.0	19,982

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ÖLFLEX® POWER LV (N)2XYRY SC

Low voltage power cables



Info

- Low voltage power cable 0.6 / 1 kV
- Single core, Armoured (AWA)XLPE / PVC / AWA / PVC

Application range

- For main power distribution and lighting circuits in residential, industrial and commercial areas
- Power and control circuit
- Telecom power supply
- Suitable for direct burial installations as well as in air or ducts

Product features

- Flame-retardant acc. to IEC 60332-1-2
- UV-resistant outer sheath for outdoor application

Norm references / Approvals

- Based on IEC 60502-1

Product Make-up

- Stranded plain annealed copper wires in circular shape conductor
- XLPE core insulation
- PVC outer sheath, black
- PVC inner sheath, black
- Aluminium wire armoured

Technical data



Classification

ETIM 5.0 Class-Description: Low voltage power cable
ETIM 5.0 Class-ID: EC000057



Conductor stranding

acc. to IEC 60228 Cl.2



Minimum bending radius

10 x cable diameter



Nominal voltage

U₀/U: 600/1000 V



Temperature range

Fixed installation: -40°C to +90°C

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® POWER LV (N)2XYRY SC				
3800315	1 X 25	15.8	225.0	645
3800316	1 X 35	17.5	315.0	888
3800317	1 X 50	19.0	450.0	1,107
3800318	1 X 70	21.0	630.0	1,418
3800319	1 X 95	23.6	855.0	1,913
3800320	1 X 120	25.4	1,080.0	2,275
3800321	1 X 150	27.3	1,350.0	2,718
3800322	1 X 185	29.8	1,665.0	3,245
3800323	1 X 240	32.8	2,160.0	4,021
3800324	1 X 300	36.8	2,760.0	5,141
3800325	1 X 400	40.0	3,600.0	6,474
3800326	1 X 500	44.1	4,500.0	7,872
3800327	1 X 630	50.2	5,670.0	10,177
3800328	1 X 800	55.3	7,200.0	12,494
3800329	1 X 1000	61.0	9,000.0	15,268

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UNITRONIC® BUS L2/FIP FC



Info

- Fast Connect (FC) cable design
- PROFIBUS



Application range

- For stationary installation for Bus Systems 150 Ohm impedance
- Dry and damp indoors

Product features

- This bus cable can be used for PROFIBUSDP as well as for PROFIBUS-FMS and FIP
- Based on the bit rates listed, in accordance with PNO specifications the following maximum cable lengths for a bus segment apply (cable type A, PROFIBUS-DP):
93.75 kbit/s = 1200 m
1875 kbit/s = 1000 m
500 kbit/s = 400 m
1.5 Mbit/s = 200 m
12.0 Mbit/s = 100 m
- Flame retardant in acc. to IEC 60332-1-2

Norm references / Approvals

- In accordance with DIN 19245 and EN 50170, e.g. for SIEMENS SIMATIC NET, also suitable for FIP (Factory Instrumentation Protocol)

Product Make-up

- Single wire of bare copper
- Foam PE core insulation
- Cores twisted together
- Plastic foil wrapping
- Aluminium-mylar tape screen + tinned copper wire braiding
- PVC outer sheath, violet RAL 4001

Technical data

	Classification ETIM 5.0 Class-Description: Data cable ETIM 5.0 Class-ID: EC000830
	Core identification code red, green
	Mutual capacitance (800 Hz): max. 30 nF/km
	Peak operating voltage 250V (not for power applications)
	Conductor resistance (loop): max. 115 Ohm/km
	Minimum bending radius Fixed installation: 10 x cable diameter
	Characteristics impedance 150 ± 15 Ohm
	Temperature range -40°C up to +80°C

Article number	No. of pairs and AWG size	No. of cores and mm ² per conductor	Dimension and cross section in mm ²	Outer diameter (mm)	Colour	Copper index (kg/km)	Weight (kg/km)
UNITRONIC® BUS L2/FIP FC							
2170320	1 x 2 x 0.64	1 x 2 x 0.64	1 x 2 x 0.64	8.0	violet	26.0	84

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UNITRONIC® BUS PA SWA



Info

- Process Automation (PA)
- PROFIBUS



Benefit

- PROFIBUS-PA with Steel Wire Armouring

Application range

- Designed for the system-defined transmission rates of 1.5 Mbs, and 31.25 KHz
- Suitable for direct burial and permanent installation in harsh and rugged environments
- Suitable for oil and gas, petrochemical, pharmaceutical industry
- For indoor and outdoor use

Product features

- Transmission technology for PROFIBUS-PA in acc. to IEC 61158-2 Standard
- Blue outer sheath colour for intrinsically safe system in hazardous area
- Flame retardant in acc. to IEC 60332-1-2
- UV-resistant (for black outer sheath)

Product Make-up

- Stranded bare copper conductor
- Foam PE core insulation
- Aluminium mylar tape screen
- Tinned copper wire braiding
- Galvanized steel wire armoured
- PVC inner sheath, black or blue
- PVC outer sheath
- Colour: black, RAL 9005 or blue, RAL 5015

Technical data

	Core identification code red, green
	Mutual capacitance (800 Hz): approx. 52 nF/km
	Peak operating voltage max. 100V (not for power applications)
	Conductor resistance (loop): max. 44 Ohm/km
	Minimum bending radius 10 x cable diameter
	Characteristics impedance at 31.25 kHz: 100 ± 20 Ohm
	Test voltage 1500 V
	Temperature range -30°C to +70°C

Article number	Number of pairs and cable diameter per conductor in mm ²	Outer sheath colour	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
UNITRONIC® BUS PA SWA					
3803158	1 x 2 x 1.0	black	12.8	45.0	152
3803159	1 x 2 x 1.0	blue	12.8	45.0	152

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UNITRONIC® BUS FF-844 H1 C LSZH

FF-844 H1 installation cable with EMC and LSZH solution



Info

- Certified with FOUNDATION™ fieldbus “FF-844 H1”
- For TYPE A installation

Benefits

- Cables meet the requirements of ISA/SP50 and the FOUNDATION™ field bus for the cable type A

Application range

- FF cables for operating temperature up to +90° C
- Fixed Installation
- Indoor / Outdoor
- Direct burial (Armoured version)
- Tray application (Steel Wire Braid versions)

Product features

- Flammability : According to IEC 60332-1
- LSZH Property
- Oxygen Index(Min.) : >29% as per ASTM D 2863
- Temp. Index (Min.) : >250 Deg C as per ASTM D 2863
- HCL gas emission (Max.): AS PER IEC 754-2; Smoke Density : Min. Visibility 80% as per ASTM D 2843

Norm references / Approvals

- IEC 61158-2
- FF 844
- BS EN 50288-7

Product Make-up

- Conductor : ATC of Class II
- Core Insulation : XLPE
- Individual and Overall Screening : AL-MYLAR tape
- Inner Sheath : LSZH, colour orange
- Mechanical Protection : SSA-Steel strip armour / SWA-Steel wire armour / SY-Steel Braid
- Outer Sheath : LSZH / LSZH with UV and AR, orange

Technical data

- Core identification code**
Blue and orange cores with numerical printing for pair identification
- Peak operating voltage**
300 V
- Conductor resistance**
23.5 Ohm/Km
- Minimum bending radius**
Unarmoured = 12 X OD
Armoured = 20 X OD
- Temperature range**
-30°C to +90°C

Article number	Number of pairs and AWG size	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
UNITRONIC® BUS FF LSZH - CHXOR				
382200013	1 X 2 X 18	9.0	15.4	123
382200037	2 X 2 X 18	15.0	30.7	266
382200061	3 X 2 X 18	15.9	46.1	326
382200085	4 X 2 X 18	17.6	61.4	401
382200229	10 X 2 X 18	27.9	153.5	940
382200277	12 X 2 X 18	28.8	184.2	1,054
UNITRONIC® BUS FF LSZH - CHXSHXOR				
382200021	1 X 2 X 18	13.0	15.4	259
382200045	2 X 2 X 18	19.4	30.7	503
382200069	3 X 2 X 18	20.5	46.1	584
382200093	4 X 2 X 18	22.0	61.4	675
382200237	10 X 2 X 18	32.9	153.5	1,406
382200285	12 X 2 X 18	34.0	184.2	1,559
UNITRONIC® BUS FF LSZH SSA - CHXSSAHXOR				
382200062	3 X 2 X 18	20.9	46.1	822
382200086	4 X 2 X 18	22.4	61.4	932
382200230	10 X 2 X 18	33.3	153.5	1,820
382200278	12 X 2 X 18	34.6	184.2	2,001
UNITRONIC® BUS FF LSZH SWA - CHXSWAHXOR				
382200014	1 X 2 X 18	13.6	15.4	374
382200038	2 X 2 X 18	20.0	30.7	689
UNITRONIC® BUS FF LSZH UVAR - CHXUVAROR				
382200015	1 X 2 X 18	9.0	15.4	123
382200039	2 X 2 X 18	15.0	30.7	266
382200087	4 X 2 X 18	17.6	46.1	401
382200231	10 X 2 X 18	27.9	153.5	940
382200279	12 X 2 X 18	28.8	184.2	1,054

Article number	Number of pairs and AWG size	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
UNITRONIC® BUS FF LSZH UVAR - CHXSHXUVAROR				
382200022	1 X 2 X 18	13.0	15.4	259
382200046	2 X 2 X 18	19.4	30.7	503
382200070	3 X 2 X 18	20.5	46.1	584
382200238	10 X 2 X 18	32.9	153.5	1,406
382200286	12 X 2 X 18	34.0	184.2	1,559
UNITRONIC® BUS FF LSZH SSA UVAR - CHXSSAHXUVAROR				
382200064	3 X 2 X 18	20.9	46.1	822
382200088	4 X 2 X 18	22.4	61.4	932
382200112	5 X 2 X 18	24.6	76.8	1,111
382200136	6 X 2 X 18	26.6	92.1	1,259
382200160	7 X 2 X 18	26.6	107.5	1,305
382200184	8 X 2 X 18	29.7	122.8	1,541
382200208	9 X 2 X 18	32.2	138.2	1,719
382200232	10 X 2 X 18	33.3	153.5	1,820
382200256	11 X 2 X 18	33.3	168.9	1,865
382200280	12 X 2 X 18	34.6	184.2	2,001
UNITRONIC® BUS FF LSZH SWA UVAR - CHXSWAHXUVAROR				
382200016	1 X 2 X 18	13.6	15.4	374
382200040	2 X 2 X 18	20.0	30.7	689

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UNITRONIC® BUS FF-844 H1 C PVC

FF-844 H1 installation cable with EMC and FR-LSH solution

**Info**

- Certified with FOUNDATION FIELDBUS "FF-844 H1"
- For TYPE A installation

**Benefits**

- Cables meet the requirements of ISA/SP50 and the FOUNDATION™ field bus for the cable type A

Application range

- FF cables for operating temperature up to +90° C
- Fixed Installation
- Indoor / Outdoor
- Direct burial (Armoured version)
- Tray application (Steel Wire Braid versions)

Product features

- Flammability : According to IEC 60332-1
- FRLS Property (only For FRLS Outer Sheath)
- Oxygen Index(Min.) : >29% as per ASTM D 2863
- Temp. Index (Min.) : >250 Deg C as per ASTM D 2863
- HCL gas emission (Max.): 20% By weight; Smoke Density : Min. Visibility 40% as per ASTM D 2843

Norm references / Approvals

- IEC 61158-2
- FF 844
- BS EN 50288-7

Product Make-up

- Conductor : ATC of Class II
- Core Insulation : XLPE
- Individual and Overall Screening : AL-MYLAR tape
- Inner Sheath : Special PVC, flameretardant low smoke low halogen, orange
- Mechanical Protection : SSA -Steel strip armour / SWA-Steel wire armour / SY-Steel Braid
- Outer Sheath : Special PVC, flameretardant low smoke low halogen with UV and AR, orange

Technical data**Core identification code**

Blue and orange cores with numerical printing for pair identification

**Peak operating voltage**

300 V

**Conductor resistance**

23.5 Ohm/Km

**Minimum bending radius**Unarmoured = 10 X OD
Armoured = 18 X OD**Temperature range**

-30°C to +90°C

Article number	Number of pairs and AWG size	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
UNITRONIC® BUS FF PVC - CYC3OR				
382200001	1 X 2 X 18	9.0	15.4	123
382200025	2 X 2 X 18	15.0	30.7	266
382200217	10 X 2 X 18	27.9	153.5	940
382200265	12 X 2 X 18	28.8	184.2	1,054
UNITRONIC® BUS FF PVC S - CYC3SYC3OR				
382200009	1 X 2 X 18	13.0	15.4	259
382200033	2 X 2 X 18	19.4	30.7	503
382200225	10 X 2 X 18	32.9	153.5	1,406
382200273	12 X 2 X 18	34.0	184.2	1,559
UNITRONIC® BUS FF PVC SSA - CYC3SSAYC3OR				
382200218	10 X 2 X 18	33.3	153.5	1,820
382200266	12 X 2 X 18	34.6	184.2	2,001
UNITRONIC® BUS FF PVC SWA - CYC3SWAYC3OR				
382200002	1 X 2 X 18	13.6	15.4	374
382200026	2 X 2 X 18	20.0	30.7	689
UNITRONIC® BUS FF PVC UVAR - CYC3UVAROR				
382200003	1 X 2 X 18	9.0	15.4	123
382200027	2 X 2 X 18	15.0	30.7	266
382200267	10 X 2 X 18	27.9	153.5	940
382200038	12 X 2 X 18	28.8	184.2	1,054

Article number	Number of pairs and AWG size	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
UNITRONIC® BUS FF PVC S UVAR - CYC3SYC3UVAROR				
382200010	1 X 2 X 18	13.0	15.4	259
382200034	2 X 2 X 18	19.4	30.7	503
382200058	3 X 2 X 18	20.5	46.1	584
382200082	4 X 2 X 18	22.0	61.4	675
382200106	5 X 2 X 18	24.2	76.8	821
382200130	6 X 2 X 18	26.2	92.1	937
382200154	7 X 2 X 18	26.2	107.5	982
382200178	8 X 2 X 18	29.3	122.8	1186
382200202	9 X 2 X 18	31.8	138.2	1318
382200226	10 X 2 X 18	32.9	153.5	1406
382200250	11 X 2 X 18	32.9	168.9	1451
382200274	12 X 2 X 18	34.0	184.2	1559
UNITRONIC® BUS FF PVC SSA UVAR - CYC3SSAYC3UVAROR				
382200052	3 X 2 X 18	20.9	46.1	822
382200076	4 X 2 X 18	22.4	61.4	932
382200100	5 X 2 X 18	24.6	76.8	1111
382200124	6 X 2 X 18	26.6	92.1	1259
382200148	7 X 2 X 18	26.6	107.5	1305
382200172	8 X 2 X 18	29.7	122.8	1541
382200196	9 X 2 X 18	32.2	138.2	1719
382200220	10 X 2 X 18	33.3	153.5	1820
382200244	11 X 2 X 18	33.3	168.9	1865
382200268	12 X 2 X 18	34.6	184.2	2001
UNITRONIC® BUS FF PVC SWA UVAR - CYC3SWAYC3UVAROR				
382200004	1 X 2 X 18	13.6	15.4	374
382200028	2 X 2 X 18	20.0	30.7	689

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UNITRONIC® BUS FF-844 H1 LSZH

FF-844 H1 installation cable with LSZH solution



Info

- Certified with FOUNDATION FIELDBUS "FF-844 H1"
- For TYPE A installation

Benefits

- Cables meet the requirements of ISA/SP50 and the FOUNDATION™ field bus for the cable type A

Application range

- FF cables for operating temperature up to +90° C
- Fixed Installation
- Indoor / Outdoor
- Direct burial (Armoured version)
- Tray application (Steel Wire Braid versions)

Product features

- Flammability : According to IEC 60332-1
- LSZH Property
- Oxygen Index(Min.) : >29% as per ASTM D 2863
- Temp. Index (Min.) : >250 Deg C as per ASTM D 2863
- HCL gas emission (Max.): AS PER IEC 754-2; Smoke Density : Min. Visibility 80% as per ASTM D 2843

Norm references / Approvals

- IEC 61158-2
- FF 844
- BS EN 50288-7

Product Make-up

- Conductor : ATC of Class II
- Core Insulation : XLPE
- Individual and Overall Screening : AL-MYLAR tape
- Inner Sheath : LSZH, colour orange
- Mechanical Protection : SSA -Steel strip armour / SWA-Steel wire armour / SY-Steel Braid
- Outer Sheath : LSZH / LSZH with UV and AR, orange

Technical data



Core identification code

Blue and orange cores with numerical printing for pair identification



Peak operating voltage

300 V



Conductor resistance

23.5 Ohm/Km



Minimum bending radius

Unarmoured = 12 X OD
Armoured = 20 X OD

Characteristic impedance

100 ± 20 Ω At 31.25 kHz



Temperature range

-30°C to +90°C

Article number	Number of pairs and AWG size	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
UNITRONIC® BUS FF LSZH - HXOR				
382200017	1 X 2 X 18	8.6	15.4	90
382200041	2 X 2 X 18	14.7	30.7	220
382200233	10 X 2 X 18	27.4	153.5	785
382200281	12 X 2 X 18	28.3	184.2	893
382200349	20 X 2 X 18	35.8	307.1	1,418
382200381	24 X 2 X 18	39.9	368.5	1,685
382200389	25 X 2 X 18	39.9	383.8	1,733
UNITRONIC® BUS FF LSZH S - HXSHXOR				
382200023	1 X 2 X 18	12.6	15.4	222
382200047	2 X 2 X 18	18.9	30.7	443
382200239	10 X 2 X 18	32.4	153.5	1,250
382200287	12 X 2 X 18	33.3	184.2	1,371
UNITRONIC® BUS FF LSZH SSA - HXSWAHXOR				
382200234	10 X 2 X 18	32.8	153.5	1,648
382200282	12 X 2 X 18	33.7	184.2	1,783
382200350	20 X 2 X 18	41.6	307.1	2,579
382200382	24 X 2 X 18	46.3	368.5	3,050
382200390	25 X 2 X 18	46.3	383.8	3,099
UNITRONIC® BUS FF LSZH SWA - HXSWAHXOR				
382200018	1 X 2 X 18	13.2	15.4	330
382200042	2 X 2 X 18	19.7	30.7	635
UNITRONIC® BUS FF LSZH UVAR - HXUVAROR				
382200019	1 X 2 X 18	8.6	15.4	90
382200043	2 X 2 X 18	14.7	30.7	220
382200235	10 X 2 X 18	27.4	153.5	785
382200283	12 X 2 X 18	28.3	184.2	893
382200351	20 X 2 X 18	35.8	307.1	1,418
382200383	24 X 2 X 18	39.9	368.5	1,685
382200391	25 X 2 X 18	39.9	383.8	1,733

Article number	Number of pairs and AWG size	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
UNITRONIC® BUS FF LSZH S UVAR- HXSHXUVAROR				
382200024	1 X 2 X 18	12.6	15.4	222
382200048	2 X 2 X 18	18.9	30.7	443
382200240	10 X 2 X 18	32.4	153.5	1,250
382200288	12 X 2 X 18	33.3	184.2	1,371
UNITRONIC® BUS FF LSZH SSA UVAR - HXSSAHXUVAROR				
382200068	3 X 2 X 18	20.7	46.1	768
382200092	4 X 2 X 18	22.2	61.4	874
382200116	5 X 2 X 18	24.2	76.8	1,012
382200140	6 X 2 X 18	26.2	92.1	1,148
382200236	10 X 2 X 18	32.8	153.5	1,648
382200284	12 X 2 X 18	33.7	184.2	1,783
382200352	20 X 2 X 18	41.6	307.1	2,579
382200384	24 X 2 X 18	46.3	368.5	3,050
382200392	25 X 2 X 18	46.3	383.8	3,099
UNITRONIC® BUS FF LSZH SWA UVAR - HXSWAHXUVAROR				
382200020	1 X 2 X 18	13.2	15.4	330
382200044	2 X 2 X 18	19.7	30.7	635

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