



**i Info**

- Fire test certified and approved to BS 6387 Cat. CWZ
- Conforms to SS 299 PLS Class 1A
- Instrumentation cable, 300/500 V



**FR-6387 OS**  
Fire resistant cables

**Application range**

- Specially designed to be use for wiring applications in critical life safety system in public and industrial buildings such as airports, hotels, hospitals, subways, train stations, etc.
- In building management systems, emergency lightings, standby power supplies, lifts and elevators
- Plant engineering and construction, industrial machinery, power station

**Product features**

- Flame retardant acc. to IEC 60332-1-2 and to IEC 60332-3-22
- Halogen free acc. to IEC 60754-1
- Acid and corrosive gases acc. to IEC 60754-2
- Smoke density test acc. to IEC 61034

**Norm references / Approvals**

- Fire test certified and approved to BS 6387 Cat. CWZ
- Conforms to SS 299 PLS Class 1A
- Approved to IEC 60332-3-22 Cat. A

**Product Make-up**

- Stranded plain annealed copper wire
- Mica based fire resistance tape
- XLPE insulation
- Mylar tape wrapping
- Aluminium/mylar tape screen in contact with drain wire
- LSHF outer sheath
- Colour: orange

**Technical data**

- Classification**  
ETIM ETIM 5.0 Class-Description: Control cable  
ETIM 5.0 Class-ID: EC000104
- Core identificarion code**  
Pair: BK/RD or BU/BN  
Multipair: BK/WH with numbering  
Multicore: 3C and above WH with numbering
- Conductor stranding**  
acc. to IEC 60228 Cl. 2
- Minimum bending radius**  
10 x cable diameter
- Nominal voltage**  
U<sub>0</sub>/U: 300/500 V
- Temperature range**  
-30°C to +90°C

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
<b>FR-6387 OS</b>					
3805860	1 x 2 x 1.0	7.8	BK/RD	24.0	75
3805861	1 x 2 x 1.0	7.8	BU/BN	24.0	75
3805862	2 x 2 x 1.0	11.4	WH/BK	43.2	132
3805863	3 x 2 x 1.0	13.0	WH/BK	62.4	172
3805864	4 x 2 x 1.0	14.8	WH/BK	81.6	218
3805865	6 x 2 x 1.0	17.8	WH/BK	120.0	310
3805866	8 x 2 x 1.0	20.3	WH/BK	158.4	406
3805867	10 x 2 x 1.0	22.5	WH/BK	196.8	492
3805868	12 x 2 x 1.0	24.5	WH/BK	235.2	574
3805869	15 x 2 x 1.0	27.2	WH/BK	292.8	711
3805870	20 x 2 x 1.0	31.1	WH/BK	388.8	925
3805971	24 x 2 x 1.0	34.0	WH/BK	465.6	1,094
3805880	1 x 2 x 1.5	8.4	BK/RD	33.6	89
3805881	1 x 2 x 1.5	8.4	BU/BN	33.6	89
3805882	2 x 2 x 1.5	12.3	WH/BK	62.4	163
3805883	3 x 2 x 1.5	14.2	WH/BK	91.2	216
3805884	4 x 2 x 1.5	16.1	WH/BK	120.0	277
3805885	6 x 2 x 1.5	19.4	WH/BK	177.6	396
3805886	8 x 2 x 1.5	22.1	WH/BK	235.2	520
3805887	10 x 2 x 1.5	24.6	WH/BK	292.8	634
3805888	12 x 2 x 1.5	26.8	WH/BK	350.4	743
3805889	15 x 2 x 1.5	29.7	WH/BK	436.8	921
3805890	20 x 2 x 1.5	34.1	WH/BK	580.8	1,203
3805891	24 x 2 x 1.5	37.2	WH/BK	696.0	1,426
3805900	1 x 2 x 2.5	10.3	BK/RD	52.8	123
3805901	1 x 2 x 2.5	10.3	BU/BN	52.8	123
3805902	2 x 2 x 2.5	14.7	WH/BK	100.8	231
3805903	3 x 2 x 2.5	17.0	WH/BK	148.8	314
3805904	4 x 2 x 2.5	19.4	WH/BK	196.8	405
3805905	6 x 2 x 2.5	23.4	WH/BK	292.8	585
3805906	8 x 2 x 2.5	26.8	WH/BK	388.8	768
3805907	10 x 2 x 2.5	29.7	WH/BK	484.8	942
3805908	12 x 2 x 2.5	32.4	WH/BK	580.8	1,111
3805909	15 x 2 x 2.5	36.1	WH/BK	724.8	1,378
3805910	20 x 2 x 2.5	41.4	WH/BK	964.8	1,809
3805911	24 x 2 x 2.5	45.2	WH/BK	1,156.8	2,150

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
3805921	2 X 1.0	7.8	BK/RD	24.0	75
3805922	2 X 1.0	7.8	BU/BN	24.0	75
3805923	3 X 1.0	8.6	WH	33.6	93
3805924	4 X 1.0	9.4	WH	43.2	113
3805925	5 X 1.0	10.3	WH	52.8	140
3805926	7 X 1.0	11.3	WH	72.0	175
3805927	8 X 1.0	12.8	WH	81.6	204
3805928	10 X 1.0	14.5	WH	100.8	253
3805929	12 X 1.0	15.1	WH	120.0	285
3805930	14 X 1.0	15.9	WH	139.2	324
3805931	16 X 1.0	16.8	WH	158.4	370
3805932	19 X 1.0	17.8	WH	187.2	422
3805933	24 X 1.0	21.0	WH	235.2	540
3805941	2 X 1.5	8.4	BK/RD	33.6	89
3805942	2 X 1.5	8.4	BU/BN	33.6	89
3805943	3 X 1.5	9.3	WH	48.0	114
3805944	4 X 1.5	10.2	WH	62.4	142
3805945	5 X 1.5	11.2	WH	76.8	177
3805946	7 X 1.5	12.3	WH	105.6	223
3805947	8 X 1.5	13.9	WH	120.0	260
3805948	10 X 1.5	15.8	WH	148.8	323
3805949	12 X 1.5	16.4	WH	177.6	367
3805950	14 X 1.5	17.3	WH	206.4	419
3805951	16 X 1.5	18.3	WH	235.2	479
3805952	19 X 1.5	19.4	WH	278.4	549
3805953	24 X 1.5	23.0	WH	350.4	697
3805961	2 X 2.5	10.3	BK/RD	52.8	123
3805962	2 X 2.5	10.3	BU/BN	52.8	123
3805963	3 X 2.5	11.0	WH	76.8	162
3805964	4 X 2.5	12.1	WH	100.8	204
3805965	5 X 2.5	13.4	WH	124.8	257
3805966	7 X 2.5	14.7	WH	172.8	327
3805967	8 X 2.5	16.6	WH	196.8	381
3805968	10 X 2.5	19.0	WH	224.8	474
3805969	12 X 2.5	19.7	WH	292.8	545
3805970	14 X 2.5	20.8	WH	340.8	624
3805971	16 X 2.5	22.1	WH	388.8	715
3805972	19 X 2.5	23.4	WH	460.8	823
3805973	24 X 2.5	27.8	WH	580.0	1,051

• If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.  
• Photographs are not to scale and do not represent detailed images of the respective products.

ÖLFLEX® UNITRONIC® ETHERLINE® HITRONIC® SKINTOP® SILVYN® FLEXIMARK® ACCESSORIES APPENDIX