



## BFSI - Cu Security power cable LSZH

0.6/1kV

### Bruksområde/Application:

Kabel for installasjon hvor det stilles høye krav til sikkerhet, og hvor det er spesielle krav til sikkerhet, for eksempel i industri, kraftverk, offentlige bygninger, hoteller, undergrunnslinje, sykehus etc.

Fire resistant cable for installation everywhere where high safety requirements have a special significance e.g., in industrial compexes, power stations, public buildings, hotels, underground railway systems, hospitals etc.

### Electrical Specifications:

Temperature installed: -30 to +90 [°C]  
 Temperature @ installation: -5 to +60 [°C]  
 Max short-circuit temp cond.: +250 [°C]

Min. bending radius single core: 15 x outer diam  
 Min. bending radius multi core: 12 x outer diam

### Norms:

Insulation integrity FE180: DIN VDE 0472-814 (800°C  
 180min) IEC 60331-21  
 System integrity E90: DIN VDE 4102-12 (90min)  
 Flame propagation: DIN VDE 0482-226-2-2, DIN  
 EN 50267-2-2, IEC 60332-3-22  
 Smoke density: DIN VDE 0472-1034-2,  
 IEC 61034-2  
 Gases during combustion: VDE 0482-267-2-2,  
 DIN EN 50267-2-2, IEC 60754-2

### Construction:

**Conductor:** Bare Cu, circular class1 RE, or circular class2 RM, acc EN 60228  
**Primary insulation:** A suitable wrapping of mica tape with glass cloth  
**Insulation:** Special cross linked compound  
**colourcode:** 2 core: blue, brown  
 3 core: brown, black, grey  
 4 core: blue, brown, black, grey  
 5 core: blue, brown, black, grey, black  
 ≥7 core: black with numbering  
**Inner covering:** Special flame-retardant and halogen free compound  
**Separator:** Tape  
**Jacket:** Orange, thermoplastic halogen free compound acc. to DIN VDE 0276-604

**RoHS** ✓

Number of core [n x mm <sup>2</sup> ]	Outer diam. [mm]	Weight [kg/km]	Flame intensity [kWh/m]	EI.nr.
2 x 1.5/1.5 RE	15	240	0,72	1046400
2 x 2.5/2.5 RE	15	290	0,81	1046401
2 x 4/4 RE	16	360	0,92	1046402
2 x 6/6 RE	18	460	1,03	1046403
2 x 10/10 RE	20	640	1,22	1046404
2 x 16/16 RM	22	900	1,45	1046405
3 x 1.5/1.5 RE	15	260	0,87	1046410
3 x 2.5/2.5 RE	16	330	0,89	1046411
3 x 4/4 RE	17	420	1,00	1046412
3 x 6/6 RE	19	540	1,11	1046413
3 x 10/10 RE	21	760	1,33	1046414
3 x 16/16 RM	23	1100	1,58	1046415
3 x 25/16 RM	28	1550	2,31	1046417
3 x 35/16 RM	30	1950	2,61	1046418
3 x 50/25 RM	34	2700	3,33	1046419
3 x 70/35 RM	38	3600	4,11	1046420
3 x 95/50 RM	44	4800	5,33	1046421
3 x 120/70 RM	47	6000	6,11	1046422
3 x 150/70 RM	52	7300	7,50	1046423
4 x 1.5/1.5 RE	17	310	0,89	1046425
4 x 2.5/2.5 RE	18	380	1,03	1046426
4 x 4/4 RE	20	500	1,17	1046427
4 x 6/6 RE	21	640	1,31	1046428
4 x 10/10 RE	23	900	1,53	1046429

Number of core [n x mm <sup>2</sup> ]	Outer diam. [mm]	Weight [kg/km]	Flame intensity [kWh/m]	EI.nr.
4 x 16/16 RM	26	1300	1,89	1046430
4 x 25/16 RM	31	1900	2,69	1046431
4 x 35/16 RM	33	2400	3,06	1046432
4 x 50/25 RM	38	3400	4,00	1046433
4 x 70/35 RM	42	4500	4,89	1046434
4 x 95/50 RM	49	6100	6,44	1046435
4 x 120/70 RM	53	7600	7,36	1046436
4 x 150/70 RM	60	8700	8,97	1046437
7 x 1.5/2.5 RE	19	420	1,19	1046440
7 x 2.5/2.5 RE	21	540	1,33	1046450
7 x 4/4 RM	22	700	1,53	1046456
10 x 1.5/2.5 RE	24	560	1,56	1046441
10 x 2.5/4 RE	25	760	1,83	1046451
12 x 1.5/2.5 RE	24	620	1,72	1046442
12 x 2.5/4 RE	25	850	2,03	1046452
14 x 1.5/2.5 RE	25	700	1,89	1046443
14 x 2.5/4 RE	27	950	2,22	1046453
19 x 1.5/4 RE	28	950	2,39	1046444
19 x 2.5/6 RE	30	1200	2,72	1046454
24 x 1.5/6 RE	32	1150	2,89	1046445
24 x 2.5/10 RE	35	1550	3,39	1046455
30 x 1.5/6 RE	34	1350	3,33	1046446

RE = Circular class 1  
 RM = Circular class 2