



Info

- EMC environment
- Slim and light, without inner sheath
- UV resistant



Benefits

- Space saving due to small cable diameter
- Economic solution for basic application

Application range

- Used as a connection cable for measuring, monitoring and control connections in industrial machineries, heating and air refrigeration systems, office equipment, etc.
- Dry or damp interiors under medium mechanical load conditions
- Fixed installations as well as for occasional flexing at free, non-continuously recurring movement without tensile load
- Suitable in EMC-critical environments

Product features

- Flame-retardant acc. to IEC 60332-1-2
- UV resistant can be used outdoor
- with or without protective conductor gn/ye

Approvals (Norm references)



Product Make-up

- Fine strands of bare copper wires
- PVC core insulation
- Plastic foil wrapping
- Tinned copper wire screen braiding
- PVC outer sheath, grey or black
- MOQ may apply for certain sizes

Technical data

- Core identification code**
black core with white numbers
- Specific insulation resistance**
> 10 MOhm x km
- Conductor stranding**
Fine wire acc. to IEC 60228 Cl.5
- Minimum bending radius**
occasional flexing: 25 x cable diameter
fixed installation: 12 x cable diameter
- Rated voltage**
U₀/U: 300/500 V
- Test voltage**
2000 V
- Protective conductor**
G = with protective conductor GN/YE
X = without protective conductor
- Range of temperature**
fixed installation: -20 °C to +70 °C
- Reference standards**
In ref. to IEC 60227

Part Number		No. of Cores and mm ² Per Conductor	Approx. Outer Diameter mm	Approx. Copper Weight kg/km	Approx. Cable Weight kg/km
Grey Outer Sheath	Black Outer Sheath				
3803740	3803740B	2 x 0,75	6,0	13,1	69
3803741	3803741B	3 G 0,75	6,3	19,7	79
3803742	3803742B	4 G 0,75	6,9	26,3	93
3803743	3803743B	5 G 0,75	7,7	32,8	116
3803744	3803744B	7 G 0,75	8,3	46,0	139
3803745	3803745B	10 G 0,75	10,4	65,6	196
3803746	3803746B	16 G 0,75	11,9	105,0	277
3803747	3803747B	21 G 0,75	13,3	137,9	347
3803748	3803748B	25 G 0,75	15,2	164,1	418
3803750	3803750B	2 x 1,0	6,3	17,5	77
3803751	3803751B	3 G 1,0	6,6	26,3	90
3803752	3803752B	4 G 1,0	7,2	35,0	105
3803753	3803753B	5 G 1,0	8,0	43,8	131
3803754	3803754B	7 G 1,0	8,6	61,3	161
3803755	3803755B	10 G 1,0	10,9	87,5	223
3803756	3803756B	16 G 1,0	12,5	140,0	322
3803757	3803757B	21 G 1,0	14,2	183,8	448
3803758	3803758B	25 G 1,0	16,1	218,8	493
3803760	3803760B	2 x 1,5	7,0	24,9	97
3803761	3803761B	3 G 1,5	7,4	37,3	118
3803762	3803762B	4 G 1,5	8,0	49,7	140
3803763	3803763B	5 G 1,5	8,9	62,1	174
3803764	3803764B	7 G 1,5	9,8	87,0	216
3803765	3803765B	10 G 1,5	12,4	124,3	310
3803766	3803766B	16 G 1,5	14,5	198,9	489
3803767	3803767B	21 G 1,5	16,2	261	535
3803768	3803768B	25 G 1,5	18,4	310,7	884
3803770	3803770B	2 x 2,5	8,1	41,4	130
3803771	3803771B	3 G 2,5	8,7	62,1	161
3803772	3803772B	4 G 2,5	9,7	82,9	205
3803773	3803773B	5 G 2,5	10,8	103,6	248
3803774	3803774B	7 G 2,5	11,8	145,0	319
3803775	3803775B	10 G 2,5	15,2	207,2	466
3803776	3803776B	18 G 2,5	18,6	372,9	733
3803780	-	2 x 4,0	9,9	67,8	200
3803781	-	3 G 4,0	10,6	101,6	225
3803782	-	4 G 4,0	11,6	135,5	294
3803783	-	5 G 4,0	12,8	169,4	362
3803784	-	7 G 4,0	14,1	237,1	460
3803787	-	2 x 6,0	11,6	101,6	274
3803788	-	3 G 6,0	12,5	152,4	373
3803789	-	4 G 6,0	13,8	203,3	447
3803790	-	5 G 6,0	15,2	254,1	538
3803791	-	7 G 6,0	16,6	355,7	676
3803794	-	2 x 10	13,8	175,1	407
3803795	-	3 G 10	14,8	262,6	566
3803796	-	4 G 10	16,4	350,1	733
3803797	-	5 G 10	18,1	437,6	915
3803800	-	2 x 16	17,0	280,1	563
3803801	-	3 G 16	18,3	420,1	783
3803802	-	4 G 16	20,2	560,2	984
3803803	-	5 G 16	22,4	700,2	1198
3803806	-	2 x 25	20,7	437,6	929
3803807	-	3 G 25	22,1	656,4	1260