



# FLEXI H SC

Flexible halogen-free



### Info

- Single core, Flexible
- Halogen-free



### Benefits

- Halogen free insulation material and free of releasing corrosive gases in the event of fire

### Application range

- For use in wiring switchgear, control panel, lighting, and distribution boxes installation
- For installation in enclosed metallic or non-metallic conduit, ducting, and trunking protective cover
- In buildings with a high concentration of people or valuables

### Product features

- Flame retardant in acc. to IEC 60332-3-22
- Halogen free in acc. to IEC 60754-1
- Smoke density in acc. to IEC 61034

### Product Make-up

- Fine strands of bare copper wire
- LSHF core insulation

### Technical data

- Classification**  
ETIM 5.0 Class-Description: Single core cable  
ETIM 5.0 Class-ID: EC000993
- Conductor stranding**  
Fine wire acc. to IEC 60228 Cl. 5 / BS 6360 Cl. 5
- Minimum bending radius**  
Fixed installation: 6 x cable diameter
- Nominal voltage**  
U<sub>0</sub>/U: 600/1000 V
- Temperature range**  
-30°C to +90°C

Conductor Cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)	green/yellow	black	blue	brown	red
0.5	2.5	4.8	11	3802210	3802211	3802212	3802213	3802214
0.75	2.8	7.2	14	3802220	3802221	3802222	3802223	3802224
1.0	2.9	9.6	16	3802230	3802231	3802232	3802233	3802234
1.5	3.2	14.4	22	3802240	3802241	3802242	3802243	3802244
2.5	3.6	24.0	32	3802250	3802251	3802252	3802253	3802254
4	4.6	38.4	52	3802260	3802261	3802262	3802263	3802264
6	5.3	57.6	76	3802270	3802271	3802272	3802273	3802274
10	6.3	96.0	119	3802280	3802281	3802282	3802283	3802284
16	7.4	153.6	175	3802290	3802291	3802292	3802293	3802294
25	9.2	240.0	270	3802300	3802301	3802302	3802303	3802304
35	10.5	336.0	373	3802310	3802311	3802312	3802313	3802314
50	12.5	480.0	519	3802320	3802321	3802322	3802323	3802324
70	14.4	672.0	726	3802330	3802331	3802332	3802333	3802334
95	16.6	912.0	960	3802340	3802341	3802342	3802343	3802344
120	18.3	1152.0	1198	3802350	3802351	3802352	3802353	3802354
150	20.6	1440.0	1491	3802360	3802361	3802362	3802363	3802364
185	22.8	1776.0	1829	3802370	3802371	3802372	3802373	3802374
240	26.0	2304.0	2383	3802380	3802381	3802382	3802383	3802384

Conductor Cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)	grey	white	orange	yellow	green
0.5	2.5	4.8	11	3802215	3802216	3802217	3802218	3802219
0.75	2.8	7.2	14	3802225	3802226	3802227	3802228	3802229
1.0	2.9	9.6	16	3802235	3802236	3802237	3802238	3802239
1.5	3.2	14.4	22	3802245	3802246	3802247	3802248	3802249
2.5	3.6	24.0	32	3802255	3802256	3802257	3802258	3802259
4	4.6	38.4	52	3802265	3802266	3802267	3802268	3802269
6	5.3	57.6	76	3802275	3802276	3802277	3802278	3802279
10	6.3	96.0	119	3802285	3802286	3802287	3802288	3802289
16	7.4	153.6	175	3802295	3802296	3802297	3802298	3802299
25	9.2	240.0	270	3802305	3802306	3802307	3802308	3802309
35	10.5	336.0	373	3802315	3802316	3802317	3802318	3802319
50	12.5	480.0	519	3802325	3802326	3802327	3802328	3802329
70	14.4	672.0	726	3802335	3802336	3802337	3802338	3802339
95	16.6	912.0	960	3802345	3802346	3802347	3802348	3802349
120	18.3	1152.0	1198	3802355	3802356	3802357	3802358	3802359
150	20.6	1440.0	1491	3802365	3802366	3802367	3802368	3802369
185	22.8	1776.0	1829	3802375	3802376	3802377	3802378	3802379
240	26.0	2304.0	2383	3802385	3802386	3802387	3802388	3802389

• 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.

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APPENDIX