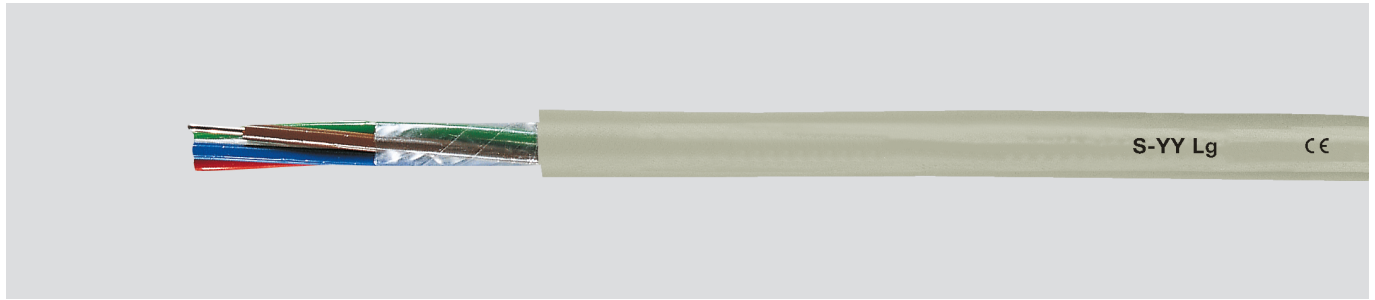


# S-YY Lg

## Switchboard cable



### Technical data

- Switchboard cable adapted to DIN VDE 0813
- **Temperature range**  
during operation -5°C to +50°C  
fixed installation -30°C to +70°C
- **Conductor resistance**  
0,5 mm - max. 96 Ohm/km  
0,6 mm - max. 65 Ohm/km  
1 mm - max. 23,4 Ohm/km
- **Operating peak voltage**  
(not for purposes of high current and power installation)  
0,5 mm - max. 375 V  
0,6 mm - max. 375 V  
1 mm - max. 600 V
- **Test voltage** core/core  
0,5 mm - 2000 V  
0,6 mm - 2500 V  
1 mm - 2500 V
- **Insulation resistance**  
min. 100 MOhm x km
- **Minimum bending radius**  
10x Outer Ø

### Cable structure

- Bare copper conductor, single-wire
- Core insulation of PVC
- Core identification to DIN VDE 0813
- Cores stranded in layers
- Foil wrapping
- Outer sheath of PVC
- Sheath colour: grey (RAL 7032)

### Properties

- The materials used during manufacturing are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers

### Tests

- PVC self-extinguishing and flame retardant acc. to DIN VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1-2

### Application

These are preferred for the transmission of data signals of telecommunication and control processings i. e. in interlocking installations, to connect the outdoor cables with relay groups as well as for fixed installation to interconnect the racks and distributor frames. This type is not allowed for the installation of heavy current operation.

CE = Product conforms with Low-Voltage Directive 2014/35/EU.

Part no.	No. cores x cond. Ø mm	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	
34300	30 x 1 x 0,5	9,6	59,0	128,0	-
34301	60 x 1 x 0,5	11,9	118,0	233,0	-
34302	10 x 1 x 0,6	7,9	28,0	98,0	-
34303	20 x 1 x 0,6	9,6	57,0	132,0	-
34304	30 x 1 x 0,6	11,1	85,0	183,0	-
34305	60 x 1 x 0,6	15,4	170,0	344,0	-
34306	80 x 1 x 0,6	18,3	226,0	445,0	-
34307	20 x 1 x 1	14,5	157,0	292,0	-
34308	24 x 1 x 1	15,2	188,0	328,0	-
34309	32 x 1 x 1	16,3	251,0	430,0	-
34310	40 x 1 x 1	17,8	314,0	515,0	-
34311	60 x 1 x 1	22,2	471,0	710,0	-

Dimensions and specifications may be changed without prior notice. (RP01)