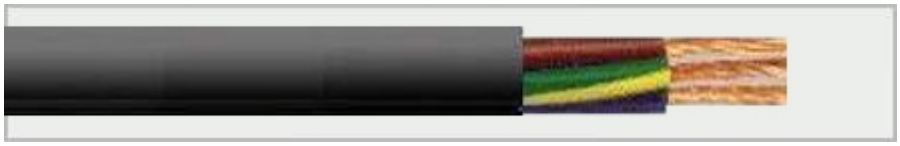
Elastoflex S05RR-F



Application

Halogen-free cords with insulation and sheath from special thermoplastic elastomer TPE. The cables are used for connecting electrical equipment such as kitchen appliance, for low and medium mechanical loads.
The cables are used in wide temperature range and external effects correspond to their special properties: working temperature: -40 °C to 125 °C, high flexible at low temperature, high abrasion resistance, resistant to oil, UV light, detergents.

Technical data

- manufactured acc. to the technical specification
- TS 01-25-08 A of GAMAKABEL and HD 22.4 S4
- rated voltage Uo/U: 300 / 500 V
- tested voltage : 2000 V
- insulation resistance : min 20 MΩ x km
- maximum conductor temperature: + 125 °C
- max. conductor temperature at short circuit for 5 s
- : +200 °C
- resistance to low temperature, -40 °C
- minimum bending radius for : fixed - 5 D; mobile -
- 7,5 D (D - outer cable diameter)
- resistance to oil, in oil ASTM 2 for 24h at 100 °C
- solar radiation resistance- at temperature 55oC
- and high humidity
- sheath colour - black or other upon request

Cable design

- copper conductors class 5 according to IEC 60228
- insulation: special thermoplastic elastomer TPE
- twist cores
- sheath: special thermoplastic elastomer TPE

Core identification in accordance to HD 308 S2

No of conductors and cross No x mm^2	Outer Diameter mm	Copper weight Kg/km	Cable weight Kg/km
2 x 0,75	6,2	14,4	47
3 x 0,75	6,7	21,6	59
4 x 0,75	7,3	28,8	72
5 x 0,75	8,2	36,0	91
2 x 1	6,7	19,2	57
3 x 1	7,0	28,8	68
4 x 1	7,7	38,4	85
5 x 1	8,6	48,0	106
2 x 1,5	8,2	28,8	85
3 x 1,5	8,7	43,2	103
4 x 1,5	9,7	57,6	131
5 x 1,5	10,6	72,0	159
2 x 2,5	9,6	48,0	123
3 x 2,5	10,1	72,0	150
4 x 2,5	11,3	96,0	192
5 x 2,5	12,5	120,0	243
2 x 4	11,2	76,8	175
3 x 4	11,8	115,2	216
4 x 4	13,2	153,6	281
5 x 4	14,6	192,0	350