



H05VV5-F - 1,50 mm²

Flexible, harmonized control cable with oil-resistant outer sheath to HD 21 part 13 S1 Construction

- Conductor: stranded bare Cu conductor, fine wire
- Strand structure: to VDE 0295, class 5 or IEC 60228, cl. 5
- Core insulation: special PVC
- Core identification: black cores with printed consecutive number coding
- Green-yellow protective conductor (3 cores and over) in the outer layer
- Cores twisted in layers, with optimal lay lengths
- Outer sheath: special PVC
- Sheath color: gray, RAL 7001

Technical Datas

- Rated voltage: U₀/U 300/500 V
- Test voltage: 3.000 V
- Insulation resistance at 20°C: ≥ 20 MΩ·km
- Bending radius: 15 x cable diameter
- Temperature range
 - flexible -5°C to +70°C
 - stationary -30°C to +70°C

Properties

- Flame retardant to IEC 60332-1
- Enhanced oil resistance of outer sheath

Ø mm ²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
2 x 1,5 0Z	28,8	7,6	65,0	2880201500
3G1,5	43,2	8,3	92,0	2880301500
4G1,5	57,6	9,1	125,0	2880401500
5G1,5	72,0	10,2	155,0	2880501500
6G1,5	86,4	11,1	200,0	2880601500
7G1,5	100,8	12,5	227,0	2880701500
8G1,5	115,0	13,6	270,0	2880801500
9G1,5	129,0	13,8	280,0	2880901500
12G1,5	172,8	14,5	330,0	2881201500
14G1,5	202,0	16,3	380,0	2881401500

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
18G1,5	259,2	17,7	506,0	2881801500
25G1,5	360,0	20,4	700,0	2882501500
27G1,5	389,0	21,4	730,0	2882701500
32G1,5	460,8	22,5	850,0	2883201500
34G1,5	489,6	24,6	920,0	2883401500
36G1,5	518,0	24,6	746,0	2883601500
37G1,5	532,0	26,1	963,0	2883701500
41G1,5	590,0	26,3	1.060,0	2884101500
50G1,5	720,0	28,9	1.320,0	2885001500
60G1,5	864,0	29,4	1.560,0	2886001500
61G1,5	878,4	30,9	1.590,0	2886101500
65G1,5	936,0	32,2	1.710,0	2886501500

- Further formats available on request
- All data and products subject to change