



H05VV5-F - 0,50 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 MΩm x 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 0,5 0Z	9,6	5,8	40,0	2880200500
3 x 0,5	14,4	6,1	51,0	2880300500
4G0,5	19,2	6,9	62,0	2880400500
5G0,5	24,0	7,5	75,0	2880500500
6G0,5	28,8	8,1	100,0	2880600500
7G0,5	33,6	9,0	117,0	2880700500
8G0,5	38,4	9,5	130,0	2880800500
12G0,5	58,0	10,7	188,0	2881200500
18G0,5	86,0	12,9	248,0	2881800500
25G0,5	120,0	16,0	348,0	2882500500

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weightkg/km	Article number
27G0,5	129,6	16,5	370,0	2882700500
34G0,5	163,0	17,7	476,0	2883400500
41G0,5	196,0	19,8	560,0	2884100500
50G0,5	240,0	21,5	650,0	2885000500
61G0,5	293,0	23,0	753,0	2886100500

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