



H05VV5-F - 1,00 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 1,0 OZ	19,2	6,7	57,0	2880201000
3G1,0	28,8	7,1	71,0	2880301000
4G1,0	38,4	7,8	89,0	2880401000
5G1,0	48,0	8,7	116,0	2880501000
6G1,0	57,6	9,5	150,0	2880601000
7G1,0	67,0	10,5	166,0	2880701000
8G1,0	77,0	11,2	215,0	2880801000
9G1,0	86,4	12,0	225,0	2880901000
12G1,0	115,2	12,5	251,0	2881201000
14G1,0	134,4	13,3	320,0	2881401000

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
18G1,0	172,8	15,0	385,0	2881801000
25G1,0	240,0	17,5	534,0	2882501000
34G1,0	326,4	21,0	700,0	2883401000
36G1,0	346,0	21,0	760,0	2883601000
41G1,0	394,0	22,5	815,0	2884101000
50G1,0	480,0	24,6	993,0	2885001000
61G1,0	585,6	26,0	1.173,0	2886101000
65G1,0	624,0	28,1	1.300,0	2886501000

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