



H05VVC4V5-K, flexible - 1,00 mm²

Flexible, harmonized control cable with overall copper braided screening and oil-resistant outer sheath
to HD 21 part 13 S1; preferred EMC compatible cable type

Construction

- Conductor: stranded bare Cu conductor, fine wire
- Strand structure: to VDE 0295, class 5 / IEC 60228 class 5
- Core insulation: special PVC
- Core identification: black cores with printed consecutive number coding
- Protective conductor: green-yellow (3 cores and over) in outer layer
- Cores twisted in layers, with optimal lay lengths
- Inner jacket: special PVC
- Tinned copper braided screening
- Outer sheath: special PVC
- Sheath colour: RAL 7001 grey

Technical Data

- Rated voltage: 300/500 V
- Test voltage: 3.000 V
- Insulation resistance at 20°C: $\geq 20 \text{ MOhm} \times \text{km}$
- Bending radius: 20 x cable diameter
- Temperature range:
 - moved -5°C to +70°C
 - unmoved -40°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 0Z	46,0	9,1	108,0	28902100
3G1,0	75,0	9,7	134,0	28903100
4G1,0	86,0	10,4	167,0	28904100
5G1,0	102,0	11,4	194,0	28905100
7G1,0	127,0	13,0	256,0	28907100
12G1,0	194,0	15,8	405,0	28912100
18G1,0	265,0	18,0	588,0	28918100
25G1,0	352,0	20,7	730,0	28925100
34G1,0	491,0	22,5	945,0	28934100

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
42G1,0	578,0	28,6	1.190,0	28942100
50G1,0	736,0	28,9	1.270,0	28950100
60G1,0	770,0	31,0	1.480,0	28960100
61G1,0	789,0	31,0	1.490,0	28961100

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