



H05VVC4V5-K, flexible - 0,50 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 0,5 0Z	32,0	8,1	87,0	28902005
3G0,5	42,0	8,6	100,0	28903005
4G0,5	51,0	9,0	120,0	28904005
5G0,5	60,0	10,3	140,0	28905005
7G0,5	75,0	11,2	198,0	28907005
12G0,5	136,0	13,6	268,0	28912005
18G0,5	168,0	16,0	391,0	28918005
25G0,5	250,0	19,1	543,0	28925005

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
34G0,5	298,0	20,5	625,0	28934005
42G0,5	349,0	24,4	720,0	28942005
50G0,5	470,0	25,3	885,0	28950005

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