



## H05VV5-F - 2,50 mm<sup>2</sup>

**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: U<sub>0</sub>/U 300/500 V
- Test voltage: 3000 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 <sup>2</sup> | Cu-Weight kg/km | Outer-Ø mm | Total-Weight kg/km | Article number |
|-------------------|-----------------|------------|--------------------|----------------|
| 2 x 2,5 0Z        | 48,0            | 9,2        | 121,0              | 2880202500     |
| 3G2,5             | 72,0            | 9,9        | 146,0              | 2880302500     |
| 4G2,5             | 96,0            | 11,0       | 196,0              | 2880402500     |
| 5G2,5             | 120,0           | 12,1       | 235,0              | 2880502500     |
| 7G2,5             | 168,0           | 14,7       | 343,0              | 2880702500     |
| 12G2,5            | 288,0           | 17,4       | 535,0              | 2881202500     |
| 18G2,5            | 432,0           | 21,3       | 800,0              | 2881802500     |
| 25G2,5            | 600,0           | 25,6       | 1.100,0            | 2882502500     |
| 34G2,5            | 816,0           | 29,5       | 1.436,0            | 2883402500     |
| 36G2,5            | 864,0           | 29,6       | 1.700,0            | 2883602500     |

| Ø mm²  | Cu-Weight kg/km | Outer-Ø mm | Total-Weight kg/km | Article number |
|--------|-----------------|------------|--------------------|----------------|
| 41G2,5 | 984,0           | 32,0       | 1.850,0            | 2884102500     |
| 50G2,5 | 1.200,0         | 35,0       | 2.070,0            | 2885002500     |
| 61G2,5 | 1.464,0         | 37,2       | 2.515,0            | 2886102500     |

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