



## TECHNICAL DATA

PVC connection cable, 2 - 4 core(s): acc. to DIN VDE 0285-525-2-11 / DIN EN 50525-2-11, IEC 60227-5; 5 - 7 core(s): in alignment with DIN VDE 0285-525-2-11 / DIN EN 50525-2-11

<b>Temperature range</b>	flexible -5°C to +70°C fixed -40°C to +70°C
<b>Nominal voltage</b>	AC U <sub>0</sub> /U 300/300 V
<b>Test voltage core/core</b>	2000 V
<b>Breakdown voltage</b>	4000 V
<b>Minimum bending radius</b>	flexible 7.5x Outer-Ø fixed 4x Outer-Ø

## ■ CABLE STRUCTURE

- Copper wire bare, finely stranded acc. to DIN VDE 0295 Class 5 / IEC 60228 Class 5
- Core insulation: PVC acc. to DIN VDE 0207-363-3 / DIN EN 50363-3 (compound type T12)
- Core identification acc. to DIN VDE 0293-308,  
2 - 5 core(s): colour coded  
6 - 7 core(s): black cores with consecutive labeling in white digits
- Protective conductor: starting with 3 cores,  
G = with protective conductor GN-YE,  
x = without protective conductor

- Cores stranded with optimal lay lengths
- Outer sheath: PVC acc. to DIN VDE 0207-363-4-1 / DIN EN 50363-4-1 (compound type TM2)
- Sheath colour: see table

## ■ PROPERTIES

- the materials used during manufacturing are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers

## ■ TESTS

- flame-retardant acc. to DIN VDE 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2

## ■ APPLICATION

Used for households and offices, for appliances and applications with light wear, e.g. radios, table and floor lamps, office machines.

## ■ NOTES

- the conductor is metrically (mm<sup>2</sup>) constructed, AWG numbers are approximated, and are for reference only

### H03VV-F / Sheath color: black

Part no.	No. cores x cross-sec. mm <sup>2</sup>	AWG, approx.	Outer-Ø min - max mm	Cu-weight kg/km	Weight kg/km, approx.
29736	2 x 0.5	20	4.6 - 5.9	9.6	40.0
29739	3 G 0.5	20	4.9 - 6.3	14.4	49.0
29742	4 G 0.5	20	5.4 - 6.9	19.2	61.0
29400	2 x 0.75	19	4.9 - 6.3	14.4	49.0
29403	3 G 0.75	19	5.2 - 6.7	21.6	59.0
29406	4 G 0.75	19	5.7 - 7.3	29.0	72.0

### 03VV-F / Sheath color: black

Part no.	No. cores x cross-sec. mm <sup>2</sup>	AWG, approx.	Outer-Ø min - max mm	Cu-weight kg/km	Weight kg/km, approx.
29409	5 G 0.75	19	6.5 - 8.2	36.0	87.0
29412	6 G 0.75	19	7.1 - 9.0	43.0	98.0
29415	7 G 0.75	19	7.1 - 9.0	50.0	108.0

### H03VV-F / Sheath color: white

Part no.	No. cores x cross-sec. mm <sup>2</sup>	AWG, approx.	Outer-Ø min - max mm	Cu-weight kg/km	Weight kg/km, approx.
29737	2 x 0.5	20	4.6 - 5.9	9.6	40.0
29740	3 G 0.5	20	4.9 - 6.3	14.4	49.0
29743	4 G 0.5	20	5.4 - 6.9	19.2	61.0
29401	2 x 0.75	19	4.9 - 6.3	14.4	49.0
29404	3 G 0.75	19	5.2 - 6.7	21.6	59.0
29407	4 G 0.75	19	5.7 - 7.3	29.0	72.0

### 03VV-F / Sheath color: white

Part no.	No. cores x cross-sec. mm <sup>2</sup>	AWG, approx.	Outer-Ø min - max mm	Cu-weight kg/km	Weight kg/km, approx.
29410	5 G 0.75	19	6.5 - 8.2	36.0	87.0
29413	6 G 0.75	19	7.1 - 9.0	43.0	98.0
29416	7 G 0.75	19	7.1 - 9.0	50.0	108.0