

# H05VV-F Cordage

Harmonized European Flexible Cordage-PVC



H05VV-F cordage is a flexible PVC insulated, PVC jacketed harmonized cord recommended for use in electronic and electrical equipment such as office

equipment and appliances designed for export to European countries and for MRO replacement of European made equipment.

## H05VV-F Construction:

Finely stranded bare copper conductors; PVC insulation; dry lubricant; PVC jacket.



Harmonized Cord Sets with IEC60309 EPIC® Pin & Sleeve Connectors, see Page 641

### Options include:

- Plug & pigtail
- Connector & pigtail
- Plug & Connector



| Cable Attributes |       |  |       |  |       |  |       |
|------------------|-------|--|-------|--|-------|--|-------|
|                  | OR-01 |  | FR-01 |  | FL-01 |  | MP-01 |

## Technical Data:

|  |                                       |                    |                                      |             |                                 |
|--|---------------------------------------|--------------------|--------------------------------------|-------------|---------------------------------|
|  | Minimum Bend Radius for installation: | 5 x cable diameter |                                      | Stranding:  | Fine Wire                       |
|  | Temperature Range:                    | -30°C to +70°C     |                                      | Color Code: | VDE 0293-308, Chart 6, Page 674 |
|  | Nominal Voltage:                      | 300/500V           |                                      | Approvals:  | HAR                             |
|  | Test Voltage:                         | 3000V              | Conforms to CE Low Voltage Directive |             |                                 |

For conductor sizes larger than 12 AWG (4 mm<sup>2</sup>) HAR requires H07RN-F. See Page 188

| Black Jacket Old Part Number              | Black Jacket New Part Number | Gray Jacket Old Part Number | Gray Jacket New Part Number | Number of Conductors | Nominal Outer Diameter |      | Approx. Weight |       |
|---|------------------------------|-----------------------------|-----------------------------|----------------------|------------------------|------|----------------|-------|
|   |                              |                             |                             |                      | inches                 | mm   | lbs/mft        | kg/km |
| <b>19 AWG (24/32) 0.75 mm<sup>2</sup></b> |                              |                             |                             |                      |                        |      |                |       |
| 1601103                                   | 1601103                      | 810965                      | 810965                      | 2                    | .252                   | 6.4  | 35             | 52    |
| 1601102                                   | 1601102                      | 810618                      | 810618                      | 3                    | .268                   | 6.8  | 42             | 62    |
| 1601126                                   | 16011263                     | 810966                      | 8109663                     | 4                    | .291                   | 7.4  | 50             | 75    |
| 8109763                                   | 81097633                     | 810967                      | 8109673                     | 5                    | .327                   | 8.5  | 65             | 96    |
| <b>18 AWG (32/32) 1.00 mm<sup>2</sup></b> |                              |                             |                             |                      |                        |      |                |       |
| 1601106                                   | 1601106                      | 810968                      | 810968                      | 2                    | .268                   | 6.8  | 42             | 61    |
| 1601109                                   | 1601109                      | 810616                      | 810616                      | 3                    | .283                   | 7.2  | 50             | 74    |
| 1601119                                   | 16011193                     | 810969                      | 8109693                     | 4                    | .307                   | 7.8  | 62             | 92    |
| 1601129                                   | 16011293                     | 810970                      | 8109703                     | 5                    | .346                   | 8.8  | 76             | 113   |
| <b>16 AWG (30/30) 1.50 mm<sup>2</sup></b> |                              |                             |                             |                      |                        |      |                |       |
| 1601114                                   | 1601114                      | 810971                      | 810971                      | 2                    | .303                   | 7.7  | 57             | 84    |
| 1601111                                   | 1601111                      | 810617                      | 810617                      | 3                    | .335                   | 8.5  | 71             | 106   |
| 1601116                                   | 16011163                     | 810675                      | 8106753                     | 4                    | .374                   | 9.5  | 90             | 133   |
| 1601123                                   | 16011233                     | 810972                      | 8109723                     | 5                    | .417                   | 10.6 | 112            | 167   |
| <b>14 AWG (50/30) 2.50 mm<sup>2</sup></b> |                              |                             |                             |                      |                        |      |                |       |
| 1601121                                   | 1601121                      | 810973                      | 810973                      | 2                    | .366                   | 9.3  | 85             | 126   |
| 1601125                                   | 1601125                      | 810974                      | 810974                      | 3                    | .394                   | 10.0 | 106            | 158   |
| 1601135                                   | 16011353                     | 810676                      | 8106763                     | 4                    | .433                   | 11.0 | 132            | 196   |
| 1601112                                   | 16011123                     | 810975                      | 8109753                     | 5                    | .484                   | 12.3 | 163            | 242   |

\* New part numbers due to VDE 0293 color code change, see Chart 6 (Page 674), for more information.