

# H05VV-F cordage

Flexible European cordage with PVC jacket & <HAR> approval



H05VV-F is a PVC cordage that meets <HAR> H05VV-F approval. It is designed for power supply use on European equipment.

## Recommended applications

Power cordage for European machinery; portable tools; data processing; control systems; commercial appliances; MRO repair for European machinery

## Approvals



| Cable attributes |       | page 648 |       |
|------------------|-------|----------|-------|
| OIL              | OR-01 | FLAME    | FR-01 |
| MOTION           | FL-01 | MECH.    | MP-01 |

## Construction

Conductors: finely stranded bare copper

Insulation: PVC

Jacket: PVC; black

## Application advantage

- Meets <HAR> directives for power cordage
- MRO replacement cable for European machinery
- UV-resistant jacket

## Complete the installation



SKINTOP® strain relief  
page 492



EPIC® pin & sleeve  
page 465

## Technical data

**Minimum bend radius:** 5 x cable diameter

**Temperature range:** -30°C to +70°C

**Nominal voltage:** 300/500V

**Test voltage:** 3000V

**Conductor stranding:** Class 5 fine wire

**Color code:** VDE 0293-308: chart 6, page 681

**Approvals:** <HAR> H05VV-F  
CE & RoHS

| Part number              | Number of conductors incl. ground* | Nominal outer diameter in mm |     | Copper weight lbs/mft | Approx. weight lbs/mft | SKINTOP® SL PG thread |
|--------------------------|------------------------------------|------------------------------|-----|-----------------------|------------------------|-----------------------|
| <b>19 AWG (0.75 mm²)</b> |                                    |                              |     |                       |                        |                       |
| 1601103                  | 2                                  | 0.252                        | 6.4 | 10                    | 35                     | S1109                 |
| 1601102                  | 3                                  | 0.268                        | 6.8 | 15                    | 42                     | S1109                 |
| 16011263                 | 4                                  | 0.291                        | 7.4 | 20                    | 50                     | S1111                 |
| <b>18 AWG (1 mm²)</b>    |                                    |                              |     |                       |                        |                       |
| 1601109                  | 3                                  | 0.283                        | 7.2 | 20                    | 50                     | S1111                 |
| 16011193                 | 4                                  | 0.307                        | 7.8 | 26                    | 62                     | S1111                 |
| 16011293                 | 5                                  | 0.346                        | 8.8 | 33                    | 76                     | S1111                 |

\* 2c cable does not include ground

| Part number             | Number of conductors incl. ground* | Nominal outer diameter in mm |      | Copper weight lbs/mft | Approx. weight lbs/mft | SKINTOP® SL PG thread |
|-------------------------|------------------------------------|------------------------------|------|-----------------------|------------------------|-----------------------|
| <b>16 AWG (1.5 mm²)</b> |                                    |                              |      |                       |                        |                       |
| 1601114                 | 2                                  | 0.303                        | 7.7  | 19                    | 57                     | S1111                 |
| 1601111                 | 3                                  | 0.335                        | 8.5  | 29                    | 71                     | S1111                 |
| 16011163                | 4                                  | 0.374                        | 9.5  | 39                    | 90                     | S1111                 |
| 16011233                | 5                                  | 0.417                        | 10.6 | 49                    | 112                    | S1113                 |
| <b>14 AWG (2.5 mm²)</b> |                                    |                              |      |                       |                        |                       |
| 1601121                 | 2                                  | 0.366                        | 9.3  | 33                    | 85                     | S1111                 |
| 1601125                 | 3                                  | 0.394                        | 10.0 | 49                    | 106                    | S1113                 |
| 16011353                | 4                                  | 0.433                        | 11.0 | 65                    | 132                    | S1113                 |
| 16011123                | 5                                  | 0.484                        | 12.3 | 81                    | 163                    | S1116                 |

Recommended SKINTOP® assumes minimal OD variance. Additional configurations are available; please see our SKINTOP® section. If not otherwise specified, all values relating to the product are nominal values. Photographs are not to scale and are not true representations of the products in question.