

## H05VVH2-F

PVC cables

Ordinary duty PVC sheathed cable.



### TECHNICAL DATA

|                              |  |
|------------------------------|--|
| Nominal tension              | 300/500 V  |
| Conditions of employment     | Use in domestic premises and offices, for ordinary duty applications and household appliances, including in damp premises; (e.g. vacuum cleaners, washing machines, spin dryers, and refrigerators); use outdoors for temporary periods of short duration. |
| Type of electrical conductor | Flexible red copper  |
| Type of insulation           | TI2 (EN 50363-3)   |
| Type of outer sheath         | TM2 (EN 50363-4-1)   |
| Color of the outer sheath    | Black, white, grey   |
| Operating temperature        | +5° C   +60° C   |
| Short circuit temperature    | +150° C on the conductor (max 5 sec.)  |
| Test voltage                 | 2000 V   |
| Cable marking                | ELETTROROBRESCIA IEMMEQU <HAR> H05VVH2-F   |
| Minimum radius of curvature  | 5 time the max outer diameter in mobile laying, 3 times in fixed laying.   |

### REFERENCES STANDARDS

|                    |                             |
|--------------------|-----------------------------|
| Main rule          | EN 50525-2-11               |
| Conductor          | EN 60228; IEC 60228         |
| Self-extinguishing | EN 60332-1-2; IEC 60332-1-2 |

## DIMENSIONS

| Nominal section      | Wires max diameter | Conductor diameter | Insulation thickness | Insulation diameter $\pm$ 0,1 | Minimum average external diameter | Medium outer diameter $\pm$ 0,2 | Electrical resistance 20°C | Approximate weight | CU Factor |
|----------------------|--------------------|--------------------|----------------------|-------------------------------|-----------------------------------|---------------------------------|----------------------------|--------------------|-----------|
| (Nxmm <sup>2</sup> ) | (mm)               | (mm)               | (mm)                 | (mm)                          | (mm)                              | (mm)                            | ( $\Omega$ /km)            | (kg/km)            | (kg/km)   |
| 2x0,75               | 0,21               | 1,05               | 0,60                 | N/A                           | 0,80                              | 4,0x6,3                         | 26,0000                    | 41,00              | 14,4000   |
| 2x1,00               | 0,21               | 1,21               | 0,60                 | N/A                           | 0,80                              | 4,2x6,7                         | 19,5000                    | 56,00              | 19,2000   |

## CORES IDENTIFICATION

| Cores number | Insulation colour sequence |
|--------------|----------------------------|
| 2            | Blue-Brown                 |

Refer to the CEI EN 50565 standard series as a guide to the use of cables with nominal voltage not exceeding 450/750 V (U0/U) and to the CEI 20-92 standard as a guide for the handling and storage of wooden reels for cables electrical.

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