

H05V-U

PVC cables

Single core non-sheathed cables with solid conductor for internal wiring.



TECHNICAL DATA

| | |
|------------------------------|--|
| Nominal tension | 300/500 V |
| Conditions of employment | Installation inside appliances and in lighting fittings. |
| Type of electrical conductor | Solid red copper |
| Type of insulation | TI1 (EN 50363-3) |
| Color of the outer sheath | On demand (one or two colours) |
| Operating temperature | +5° C +70° C |
| Short circuit temperature | +160° C on the conductor (max 5 sec.) |
| Test voltage | 2000 V |
| Cable marking | ELETTRO BRESCIA IEMMEQU <HAR> H05V-U |
| Minimum radius of curvature | 4 times the max outer diameter. |

REFERENCES STANDARDS

| | |
|--------------------|-----------------------------|
| Main rule | EN 50525-2-31 |
| 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 | Diametro isolamento ± 0,1 | Minimum average external diameter | Medium outer diameter ± 0,2 | Electrical resistance 20°C | Approximate weight | Fattore CU |
|----------------------|--------------------|--------------------|----------------------|---------------------------|-----------------------------------|-----------------------------|----------------------------|--------------------|------------|
| (Nxmm ²) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (?/km) | (kg/km) | (kg/km) |
| 1x0,50 | 0,80 | 0,80 | 0,60 | N/A | N/A | 2,1 | 36,0000 | 8,00 | 4,8000 |
| 1x0,75 | 1,00 | 1,00 | 0,60 | N/A | N/A | 2,3 | 24,5000 | 11,00 | 7,2000 |
| 1x1,00 | 1,13 | 1,13 | 0,60 | N/A | N/A | 2,4 | 18,1000 | 14,00 | 9,6000 |

CORES IDENTIFICATION

| Cores number | Insulation colour sequence |
|--------------|----------------------------|
| 1,00 | NA |

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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