

H03V2V2H2-F

PVC cables

Light duty heat-resistant PVC sheathed cable for maximum conductor temperature of 90° C.



TECHNICAL DATA

| | |
|------------------------------|---|
| Nominal tension | 300/300 V |
| Conditions of employment | Use in domestic premises, kitchens and offices, for light duty applications and light portable appliances; use in high ambient temperatures and internal use in equipment where there is no risk of contact with hot parts. |
| Type of electrical conductor | Flexible red copper |
| Type of insulation | TI3 (EN 50363-3) |
| Type of outer sheath | TM3 (EN 50363-4-1) |
| Color of the outer sheath | Black, white, grey |
| Operating temperature | +5° C +90° C |
| Short circuit temperature | +150° C on the conductor (max 5 sec.) |
| Test voltage | 2000 V |
| Cable marking | ELETTROROBRESCIA IEMMEQU <HAR> H03V2V2H2-F |
| Minimum radius of curvature | 5 times the max outer diameter in mobile laying, 3 times in fixed laying. |

REFERENCES STANDARDS

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|--------------------|-----------------------------|
| 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 | Diametro isolamento $\pm 0,1$ | Minimum average external diameter | Medium outer diameter $\pm 0,2$ | Electrical resistance 20°C | Approximate weight | Fattore CU |
|----------------------|--------------------|--------------------|----------------------|-------------------------------|-----------------------------------|---------------------------------|----------------------------|--------------------|------------|
| (Nxmm ²) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (Ω /km) | (kg/km) | (kg/km) |
| 2X0,50 | 0,21 | 0,86 | 0,50 | N/A | 0,60 | 3,2x5,1 | 39,0000 | 30,00 | 9,6000 |
| 2X0,75 | 0,21 | 1,05 | 0,50 | N/A | 0,60 | 3,4x5,5 | 26,0000 | 35,00 | 14,4000 |

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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