

SILICONE HV 0,6-1 kV

Silicone cables

Single core solid red copper cable with silicone rubber sheath type EI2, VDE certified.



Technical data

| | |
|-------------------------------|---|
| Nominal voltage | 600/1000 V |
| Applications/Usage conditions | Resistance to heat, for class H networking, lighting, high tension circuitry. |
| Conductor | Solid red copper |
| Insulation type | EI2 (EN 50363-1) |
| Sheath colour | On demand (one or two colours) |
| Operating temperatures | -60° C +130° C |
| Test voltage | 5000 V |
| Cable markings | ELETTRO BRESCIA <VDE> Reg. No. 7875 |

Standard references

| | |
|---------------|-------------------|
| Main standard | VDE 0250 TEIL 502 |
|---------------|-------------------|

Dimensions

| Cross section (Nxmm ²) | Wires max diameter (mm) | Conductor diameter (mm) | Core thickness (mm) | Core diameter ± 0,1 (mm) | Sheath thickness (mm) | Medium outer diameter ± 0,2 (mm) | Electrical resistance at 20° C (Ω/km) | Cable approx. weight (kg/km) | Cu factor (Kg/km) |
|---------------------------------------|----------------------------|----------------------------|------------------------|--------------------------------|--------------------------|--|--|---------------------------------|----------------------|
| 1x0,50 | 0,800 | 0,80 | 1,00 | N/A | N/A | 2,9 | 36,0000 | N/A | 4,80 |
| 1x0,75 | 1,000 | 1,00 | 1,00 | N/A | N/A | 3,1 | 24,5000 | N/A | 7,20 |
| 1x1,00 | 1,130 | 1,13 | 1,00 | N/A | N/A | 3,2 | 18,1000 | N/A | 9,60 |
| 1x1,50 | 1,350 | 1,35 | 1,00 | N/A | N/A | 3,5 | 12,1000 | N/A | 14,40 |
| 1x2,50 | 1,750 | 1,75 | 1,20 | N/A | N/A | 4,3 | 7,4100 | N/A | 24,00 |

Please refer to the standard series EN 50565 as guide to use for cables with a rated voltage not exceeding 450/750 V - (U0/U) and CEI 20-92 as guide for the handling and warehousing of wooden drums for electric cables.