EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

Wires TLY

- **Conductors are** in form of steadily twisted wires, made of thin, bare and soft copper wires at improved purity.As opposed to competitors, our cables are of exceptional elasticity. They can be easily fixed, as well as soldered and clamped.Their technical parameters are in full accordance with European Union requirements.

- **Each** conductor is seperately insulated with multicoloured insulation, made of new generation leadfree PCV, ensuring its unusual shine, softness and elasticity.Working temperature of cables is in the range **from - 40°C.cent. till + 105°C.cent. (max. + 120°C.cent.).**

- **Cables** are available in different colors of insulation, according to **the RAL color** palette **monochromatic PRO**. A wide range of colors for easy identification in the performance of multi-wire bundles and reduces costs by eliminating the need for additional cable markers.

- **The cables** are made in system of thinned insulation, at meeting all proper dielectric & electric parameters, which eneables more effective advantage of cable bushing / glands.At big orders we can deliver cables of any colour without additional charges.

- **Single cables** are winded on plastic reels at outer diameter of **Ø 130mm** and height **H =3 cm, 4 cm, 5 cm and 7 cm**, depending the cable type.Inner lead hole is of **Ø 25mm.**

- **All** cables are winded evenly and compactly, which assures their perfect visual effect, makes easier their storage and prevents their uncontrolled rewinding.

Nominal cross-vein	Cross - inch system	Number of per spool	Construction of a vein	The average external diameter of the vein	Maximum working voltage	Maximum load current	Vein resistance in T=20 C^{o} maximum ÷ minimum	Weight neeto cable
0,12mm^2	AWG 26	200 mb	8x0,14mm	Ø 1,2mm	150 V	1,2 A	155 ÷ 139 m Ω/m	2,4 kg/km
0,22mm^2	AWG 24	200 mb	7x0,20mm	Ø 1,3mm	150 V	2,2 A	89,3 ÷ 80,4 m Ω/m	3,4 kg/km
0,35mm^2	AWG 22	200 mb	12x0,20mm	Ø 1,4mm	500 V	3,5 A	52,0 ÷ 47,8 m Ω/m	4,7 kg/km
0,50mm^2	AWG 20	100 mb	16x0,20mm	Ø 1,6mm	500 V	5,0 A	37,1 ÷ 34,1 m Ω/m	6,3 kg/km
0,75mm^2	AWG 18	100 mb	24x0,20mm	Ø 1,9mm	500 V	7,5 A	24,7 ÷ 22,7 m Ω/m	9,0 kg/km
1,00mm^2	AWG 17	100 mb	32x0,20mm	Ø 2,1mm	500 V	10,0 A	18,5 ÷ 17,0 m Ω/m	11,8 kg/km
1,50mm^2	AWG 16	100 mb	30x0,25mm	Ø 2,4mm	500 V	15,0 A	12,7 ÷ 11,7 m Ω/m	16,0 kg/km
2,50mm^2	AWG 14	50 mb	50x0,25mm	Ø 3,0mm	500 V	25,0 A	7,6 ÷ 7,0 m Ω/m	26,3 kg/km

Basic parameters

Single Wires LIY / TLY Pro:

- **Nominal cross-vein:**
  from 0,12mm^2 to 0,22mm^2
- **Cross-inch system :**
  AWG 26 i AWG 24
- **Number of per spool :**
  200 meters
- **Construction of a vein :**
  - For 0,12mm - 8 x 0,14mm
  - For 0,22mm - 7 x 0,20mm
- **The average external diameter of the vein :**
  - For 0,12mm - Ø 1,2mm
  - For 0,22mm - Ø 1,3mm

Selected characteristics

- Conductors are in form of steadily twisted wires
- Extra flexibility and maneuverability at putting
- Easy solderability and susceptibility to crimping
- Isolation of a new generation of lead-free PVC
- Fully compatible with European requirements