



# HV-CABLE

Hochspannungskabel

High Voltage Cable

- Speziell für den Einsatz in KIST + ESCHERICH AC-Ionisationssystemen konstruiert
- Verzinnter Kupferleiter mit PE-Isolation für beste elektrische Eigenschaften hinsichtlich Spannungsstabilität
- Doppelte PVC Isolation für sehr gute Flexibilität und hohe Flammbeständigkeit
- Schleppkettentauglich
- Designed for KIST + ESCHERICH AC ionization systems
- Tinned copper wire with PE insulation for highest electrical requirements in terms of voltage stability
- Two layer PVC insulation for high flexibility and high flame retardance
- Suitable for drag chain applications

## Technische Daten Specification

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| <ul style="list-style-type: none"> <li>■ Innenleiter: verzinnter Kupferleiter 0.35 mm<sup>2</sup> (7x0.26 mm Durchmesser)</li> <li>■ Widerstand Innenleiter: max. 60 Ω/km</li> <li>■ Innenlage: halbleitendes Polymer</li> <li>■ Erste Isolationsschicht: PE, 3.4 mm Durchmesser</li> <li>■ Zweite Isolationsschicht: PVC, 4.6 mm Durchmesser</li> <li>■ EMV-Schirm: spiralgewickelte Umlegung aus verzinnnten Kupferdrähten, Bedeckung ≥90%</li> <li>■ Außenmantel: Flammwidriges PVC, 6.9±0.1 mm Durchmesser, Farbe schwarz</li> <li>■ Kapazität: ca. 100 pF/m</li> <li>■ Minimaler Biegeradius: 25 mm statisch/75 mm dynamisch</li> <li>■ Freigaben: UL style 11222 (80°C, 20 kV)</li> </ul> | <ul style="list-style-type: none"> <li>■ Conductor: Tinned copper wire 0.35 mm<sup>2</sup> (7x0.26 mm diameter)</li> <li>■ Conductor resistance: max. 60 Ω/km</li> <li>■ Inner layer: Semi-conductive polymer</li> <li>■ First insulation: PE, 3.4 mm diameter</li> <li>■ Second insulation: PVC, 4.6 mm diameter</li> <li>■ EMC shield: Spiral wound tinned copper wire, coverage ≥90%</li> <li>■ Jacket: Flame retardant PVC, 6.9±0.1 mm diameter, colour black</li> <li>■ Capacitance: ca. 100 pF/m</li> <li>■ Minimum bending radius: 25 mm statically / 75 mm dynamic</li> <li>■ Approvals: UL style 11222 (80°C, 20 kV)</li> </ul> |
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