



## K-PLUS 7500 CY MTW UL

**Description :** Drag chain application, EMC compliant, increased oil-resistant screened Control and Power Cables conforming to NFPA 79 2007 wiring norms and "National Electrical Code" Art. 310, 610, 620 manufactured according to UL 1063 (MTW).

**Design:**



**Construction :**

- Cores construction type A according UL 1063
- Extra flexible bare copper conductors according to CEI 20-29 Class 6, DIN-VDE 0295 K6 and UL 83 standard
  - Special PVC Insulation compound type QMTT2
  - Nonwoven tape over each layer
  - Tinned copper wires braiding with coverage of 85%
  - Nonwoven tape
  - Outer sheath in special PVC according to UL 1277 and UL 1063

**Manufacturing's Controls:**

Test and Control according to our certificated **ISO 9001-2008 CSQ-IMQ (EQ-NET)** Quality System procedure.

Labor tests reports are stored in our internal Q.C. laboratory archive together with the production reports

**Norms :**

Flammability of Cable according category FT4/IEEE of Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables, UL 1685 standard.

Construction according to UL 1063 ( Oil-resistant according to UL OIL RES I and Water-resistant, UL Wet Approval 75 °C )

American and Canadian UL recognized according to UL AWM styles 10012 and 2587 and CSA AWM I/II A/B

The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

**Technical dates :**

- Nominal voltage: 600 V
- Spark Test voltage: 6000 V
- Fixed installation working temperature: -40°C to + 90°C
- Occasional flexing working temperature: -5°C to + 90°C
- Fixed installation minimum bending radius = 4 x cable Ø
- Chain flexing application min. bending radius = 7,5 x cable Ø

**Use :**

Efficient stocking! These control cables are especially suitable for export-orientated machinery. Designed for up to 8 million bending/unbending cycles in the power chain, appropriate for use in power chains or moving machine parts, for travel distances up to 12 m. Suitable to be used in dry, damp and wet interiors (including water-oil mixtures). Machine tools compliant with UL MTW (Machine Tool Wiring) acc. to "National Electrical Code" Art. 310, 610, 620