

Suggested Copy for Lapp Limited in Farnell Catalogue

Unitronic-FD® CP TP PLUS

(Farnell: PUR Data cables for Cable Chain Applications UL CSA)

Application

UNITRONIC-FD® CP (TP) plus UUCSA is a twisted paired, screened and highly flexible PUR cable for constantly moving employment in power chain systems, linear rotors and automatic handling machines. The copper screening with a high coverage effectively protects against external interference.

The cut resistant, notch ductile PUR outer sheath ensures low wear in power chain systems and also effects high resistance to mineral oils. In addition the cable is due to the use of special insulation- and sheath compounds halogen free, flame retardant and cold flexible for use in cold conditions.

Technical data

Cable design	in acc. to V DE 0812
Conductor	superfine strands of plain copper wires, acc. to IEC 60228 (V DE 0295), Class 6
Insulation	9y polypropylene (PP)
Colour code	acc. to DIN 47100
Cable make-up	Cores twisted to pairs, pairs twisted in layers with short lay lengths, textile wrapping over the outer layer
Screen	tinned copper braid, coverage approx. 85%
Outer sheath	Special PUR-based compound, adhesion-free sheath colour silvergrey (RAL 7001)
Printing	LAPP KABEL STUTTGART UNITRONIC-FD® CP (TP) plus UL/CSA x X 2 X x c(UL) CMX 75OC xxAWG (SHIELDED) E197636
Peak working voltage	250 V (not for high-voltage current purposes)
Test voltage	1500 V
Temperature range	-40°(; up to +70° C max. conductor temperature
Minimum bending radius	7.5 x cable diameter
Flame retardant	acc. to IEC 60332.1 resp. VDE 0482 part 265-2-1 resp. UL-1581 VW-1
Halogen free	acc. to IEC 60754-1, IEC 60754-2
Tests	in accordance to V DE 0812
Approval	c(UL) Typ CMX acc. to UL 444 und CSA C22.2 No.214-02