

Shielded, low-capacitance, twisted-pair PE/PVC data cable for power chain/cable carrier, UL AWM for USA+CAN

UNITRONIC<sup>®</sup> FD Li2YCY (TP) A B: Shielded, low-capacitance, twisted-pair PVC signal/data cable for power chain/cable carrier, UL AWM for USA and Canada

UNITRONIC® FD CP (TP) plus

, AWM by UL by USA + CAN UNITRONIC® FD Li2YCY (TP) BE : DIN 47100, T9

LAPP KABEL STUTGART UNITRONIC® FD LIZYCY (TP) A BE

















(16.05.2025)
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data sheet

PN 0456 / 02\_03.16



NFPA79 section 12.9.2

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50m
                                     가
For use in chain/carrier: Please respect the assembly guidelines listed in Appendix T3
                    EMC
                 가
DIN EN 50290-2-22(TM54)
IEC 60332-1-2, UL VW-1,
                                           CSA FT 1
Norm references / Approvals
VDE 0812
            2570 80 ° C 1000V (
UL AWM
                                       ) for
                                                       (UL
                                                               : E63634) NFPA 79, 12.9.2
                           AWM I/II A/B 80 ° C 1000V
CSA C22.2 No. 210-15
                                                             UL (cRU)
    RoHS
            EU
HDPE
    : PVC
                 (RAL9005
    ETIM 5:
                                                   ETIM 5.0 Class-ID: EC000830
                                                   ETIM 5.0 Class- :
                                                   UNITRONIC®
                                                   FD Li2YCY (TP) A BE:
                                                   DIN 47100,
                                                       0.5 mm<sup>2</sup>: 60 nF/km
                                                       1.0 mm<sup>2</sup>: 70 nF/km
                                                     0.65 mH/km
                                                   0.5 mm<sup>2</sup> : IEC 60228
                                                                                                    6
                                                             : 7.5 x
                                                           : 4 x
                                                       (DC) / @ 20 °C
                                                   0.14 mm<sup>2</sup> (26 AWG): 276.0 / km;
                                                   0.25 mm<sup>2</sup> (24 AWG): 158.0 / km;
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0.34 mm<sup>2</sup> (22 AWG): 110.8 / km;
                                                      0.5 mm<sup>2</sup> (21 AWG): 78.0 / km;
                                                      0.75 mm<sup>2</sup> (19 AWG): 52.0 / km;
                                                      1 mm<sup>2</sup> (18 AWG): 39.0 / km
                                                      VDE: -5 °C to 70 °C
                                                      UL AWM: -5 °C to 80 °C
                                                      VDE: -40 °C to 70 °C
                                                      UL AWM: -5 °C to 80 °C
                                          가
                                                      가
                                                                           ( . )
                                                                                                    가
                  www.lappkabel.de/en/cable-standradlengths
                 30 kg or 250 m,
                                 . (e.g. 1 x 500 m
                                                      or 5 x 100 m
가
                     가
                            가 .
      VAT
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## & LAPP

# UNITRONIC® FD Li2YCY (TP) A BE

	(mm2)	(mm)	[kg/km]	[kg/km]
0031412	14 x 2 x 0.5	15.5	215.4	401
0031413	1 x 2 x 0.75	5.9	35	61
0031414	2 x 2 x 0.75	9	60	104
0031415	3 x 2 x 0.75	9.8	85.7	148
0031416	4 x 2 x 0.75	10.7	93.6	167
0031417	5 x 2 x 0.75	11.9	115	202
0031418	6 x 2 x 0.75	12.3	130.4	233
0031419	8 x 2 x 0.75	14.7	192.2	330
0031420	10 x 2 x 0.75	16.7	258	390
0031421	14 x 2 x 0.75	17	316.6	515
0031422	1 x 2 x 1.0	6.3	42	71
0031423	2 x 2 x 1.0	9.9	73	126
0031424	3 x 2 x 1.0	10.5	93.6	167
0031425	4 x 2 x 1.0	11.8	117.8	213
0031426	5 x 2 x 1.0	13.1	139	247