

UNITRONIC® FD P plus A

High-Performance PUR Chain/ Track cable for AWM use per CSA/ NFPA 79

UNITRONIC® FD P plus: Low-frequency PUR data cable UL AWM 1000V VW-1 halogen-free highly flexible, energy/ drag chain constant flex, low capacitance, -40°C/80°C

Chain/Track: High Performance + Cold flexible



UL AWM voltage rating 1000V in case of internal wiring (for instance, inside Industrial Platform under Field Labeling) allows for internal laying next to power cables with applied UL rating of 1kV

In the USA inside of industrial machines and in chain track inside Industrial Platform under Field Labeling (subject to AHJ approval), per NFPA 79, Section 12.9.2 (condition 3 under 12.9.2: Thru 1 mm² and <16 AWG)

(21.02.2024)

UNITRONIC® FD P plus A

PUR

Sophisticated design for high-performance chain/ track use

For use in chain/carrier: Please respect the assembly guidelines listed in Appendix T3

() PUR

Commonly for outdoor use (not in North America), thanks to UV and ozone resistance

: IEC 60332-1-2, FT2 ()

, -40°C

, 가

VDE 0812

UL

cRUus AWM (UL: E63634): UL AWM Style 21576 AWM A/B I/II

PUR

: (RAL 7001)

ETIM 5:

ETIM 5.0 Class-ID: EC000830

ETIM 5.0 Class- :

ETIM 6:

ETIM 6.0 Class-ID: EC000830

ETIM 6.0 Class :

:

DIN 47100, T9

:

C/C approx. 60 nF/km

:

0.65 mH/km

:

:

: 5 x

: 3 x

:

1500 V

:

: -40°C +80°C

Fixed installation: -40°C to +80°C

cRUus AWM: max. +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).

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VAT

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PN 0456 / 02_03.16



UNITRONIC® FD P plus A

	(CORE) / (mm ²)	(mm)	(kg/km)	(kg/km)
UNITRONIC®				
FD P plus A				
0028647	2 x 0.14	3.7	2.8	20
0028650	3 x 0.14	3.9	4.1	25
0028651	4 x 0.14	4.2	5.6	30
0028652	5 x 0.14	4.5	7	34
0028677	6 x 0.14	4.8	8.4	42
0028653	7 x 0.14	5.1	9.8	48
0028654	10 x 0.14	6.1	14	60
0028678	12 x 0.14	5.9	16.8	67
0028656	18 x 0.14	6.8	25.2	87
0028657	25 x 0.14	8.3	35	120
0028658	2 x 0.25	4.1	5	27
0028659	3 x 0.25	4.3	7.5	32
0028660	4 x 0.25	4.7	10	35
0028661	5 x 0.25	5	12.5	49
0028679	6 x 0.25	5.4	15	55
0028662	7 x 0.25	5.8	17.5	43
0028663	10 x 0.25	7	25	72
0028680	12 x 0.25	6.7	30	87
0028664	14 x 0.25	7.1	35	73
0028665	18 x 0.25	8	45	104
0028666	25 x 0.25	9.8	62.5	133
0028667	2 x 0.34	4.5	6.8	33
0028668	3 x 0.34	4.8	10.2	39
0028669	4 x 0.34	5.2	13.6	41
0028670	5 x 0.34	5.6	17	44
0028671	7 x 0.34	6.5	23.8	55
0028672	10 x 0.34	8	34	85
0028673	14 x 0.34	8.2	47.6	94
0028674	18 x 0.34	9	61.2	131
0028675	25 x 0.34	11	85	200

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