Continuous Flex Data, Signal & Control Cable

UNITRONIC® FD 890

Multi-Conductor 300V PVC Continuous Flex Industrial Communication Cable; Unshielded

LAPP KABEL STUTTGART UNITRONIC® FD 890



UNITRONIC® FD 890 is designed for continuous flexing signal and low voltage control applications. The specially blended PVC jacket is resistant to most oils, solvents, and water-based coolants.

Construction

<u>Conductors:</u> Finely stranded bare copper <u>Insulation:</u> Specially blended PVC; non-woven wrapping

<u>Jacket:</u> Specially formulated PVC; gray

■ Recommended Applications

High-speed automated equipment; robotics; CNC and multi-axis cutting equipment; other cable track applications

Application Advantage

- Designed for high flexing applications
- Flexible for ease of routing in tight spaces
- Resistant to oils, solvents, and coolants

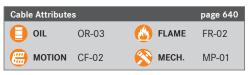
Approvals















■ Technical Data

Minimum Bend Radius:

- for continuous flexing: 7.5 x cable diameter

Temperature Range:

- for continuous flexing: -5°C to +90°C - for stationary use: -40°C to +90°C

7 Nominal Voltage: 300V (not for power)

Test Voltage: 2000V

Conductor Stranding:	Class 6 super fine wire
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Color Code: DIN 47100: Chart 8, page 674

✓ Approvals: UL: AWM 20132

Attributes: -25°C Cold Bend

NFPA 79

Canada: CSA AWM I/II A/B FT1

Additional: RoHS

Part Number	Number of Conductors (incl. ground)	Nomina Diam (in)		Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	SKINTOP® Non-Metallic PG Thread	Part Number	Number of Conductors (incl. ground)	Nomina Diam (in)		Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	SKINTOP® Non-Metallic PG Thread
24 AWG (0.24	22 AWG (0.34 mm ²)												
892405	5	0.242	6.1	8	40	S1107	892203	3	0.210	5.3	8	33	S1107
892407	7	0.281	7.1	11	50	S1111	892205	5	0.254	6.5	12	50	S1109
892410	10	0.349	8.9	15	65	S 1111	892207	7	0.293	7.4	14	66	S1111
892414	14	0.350	18.9	21	83	S 1111	892210	10	0.377	9.6	24	91	S1113
892425	25	0.485	12.3	38	138	S 1116	892214	14	0.376	9.6	34	140	S1113
							892218	18	0.416	10.6	43	161	S1113
							892225	25	0.519	13.2	60	194	S1116