

UNITRONIC® 300 FTP

Multi-Pair, Foil Shielded

300V Paired Foil Shielded Flexible Industrial Signal and Control Cable



The UNITRONIC® 300 Series of signal and control cables have been carefully engineered to provide the highest performance and ease of installation in industrial signal and control applications. Available shielding options provide EMC protection in the harshest industrial environments.

Recommended Applications:

RS-232, Data buses, Process Instrumentation, Low voltage control interconnect.

Application Advantages:

- Extended temperature rating of -25°C to +105°C
- Flexible design for ease of routing
- Suitable for use in cable tray
- Oil and UV resistant (Oil Res I)
- Sequential foot marking for ease of installation
- All items available from inventory in 100, 500, and 1,000 ft. put ups

UNITRONIC® 300 FTP Construction:

Finely stranded tinned copper conductors with drain wire; PVC blended insulation; foil shield; oil resistant gray PVC jacket.



Cable Attributes, See Page 653 Oil Resistance: OR-02 Motion Type: FL-01 Flame Resistance: FR-03 Mechanical Properties: MP-03		Availability: Standard put-ups are 100ft, 500ft, and 1,000ft.	Complete the installation with: SKINTOP® Strain Relief: Page 486 OLFLEX® Tubing: Page 546 EPIC® Connectors: Page 251 Assemblies: Page 627
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Technical Data:

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| Minimum Bending Radius - with shield: 6 x cable diameter | Color Code: 24 AWG & 22 AWG: Chart 14, Page 677
20 AWG & 18 AWG: Chart 13, Page 677 |
| Temperature Range: -25°C to +105°C | Approvals: UL: - CMG, PLTC*, Exposed Run**
- AWM 2464 Oil Res I
CSA: - CMG/FT4
- AWM II A/B |
| Nominal Voltage: 300V | |
| Test Voltage: 2000V | |
| Conductor Stranding: Class 5 | * 24 AWG not PLTC
** Exposed Run for 18 AWG
Meets NEC Art. 725, 760, & 800. Also Class I Div. 2 (PLTC only) |

Part Number	Number of Pairs	Nominal Outer Diameter inches	Nominal Outer Diameter mm	Copper Weight lbs/mft	Approx. Weight lbs/mft	Approx. Weight kg/km	Part Number	Number of Pairs	Nominal Outer Diameter inches	Nominal Outer Diameter mm	Copper Weight lbs/mft	Approx. Weight lbs/mft	Approx. Weight kg/km
24 AWG (19/36) 0.25 mm²							20 AWG (19/32) 0.75mm²						
302401FTP	1	.159	4.0	5	15	22	302001FTP	1	.210	5.3	11	42	62
302402FTP	2	.236	6.0	8	20	29	302002FTP	2	.350	8.9	19	54	80
302403FTP	3	.248	6.3	11	25	37	302003FTP	3	.370	9.4	26	69	103
302406FTP	6	.325	8.3	20	46	68	302006FTP	6	.497	12.6	49	134	199
302409FTP	9	.373	9.5	29	62	92	302009FTP	9	.576	14.6	72	184	274
302415FTP	15	.476	12.1	47	90	133	302015FTP	15	.734	18.7	116	285	424
22 AWG (19/34) 0.34mm²							18 AWG (19/30) 1.00 mm²						
302201FTP	1	.170	4.3	7	17	26	301801FTP	1	.226	5.7	18	47	70
302202FTP	2	.257	6.5	12	24	36	301802FTP	2	.381	9.7	30	59	88
302203FTP	3	.271	6.9	16	33	50	301803FTP	3	.424	10.8	42	75	112
302206FTP	6	.357	9.1	31	59	87	301806FTP	6	.545	13.8	79	152	226
302209FTP	9	.431	10.9	45	82	122	301809FTP	9	.653	16.6	116	225	335
302215FTP	15	.525	13.3	73	120	178	301815FTP	15	.808	20.5	185	367	546