



Industrial Automation and Process Control Instrumentation Cables

POWER LIMITED 300V 105°C TRAY CABLES, U.L. SUBJECT 13 (NEC ARTICLE 725 CLASS 2 AND CLASS 3 CIRCUITS)


Specifications: UL 1581 Vertical Tray Flame Test comparable to IEEE 383 (70,000 BTU/hr.) Flame Text. NEC Type PLTC Listed, which is approved for cable tray use in Class 1, Division 2, hazardous areas and non-hazardous areas, cable trays, raceways, conduit and supported by messenger wires.

Description U.L. Style C.S.A. Type	Cat. No.	Standard Lengths		Std. Unit Lbs. ea.	AWG (stranding)	Insulation Thickness		Jacket Thickness		Nominal O.D.	
		ft.	m			Inch	mm	Inch	mm	Inch	mm
TWO CONDUCTOR UNSHIELDED CABLES—STRANDED CONDUCTORS											
Tinned copper, PVC insulated, conductors cabled. Chrome sunlight resistant PVC jacket. Colour code: Black, Red.											
300V and AWM 2464 Appliance Wiring Material 	9407	500 1000	152.4 304.8	10.2 19.3	22 (7×30)	.016	.41	.038	.97	.200	5.08
	NEC CM/ PLTC CSA PCC FT 4										
	9408	500 1000	152.4 304.8	11.8 22.6	20 (10×30)	.016	.41	.038	.97	.214	5.44
NEC CL3/ PLTC CSA PCC FT 4											
9409	100 500 1000	30.4 152.4 304.8	3.3 14.4 27.8	18 (16×30)	.016	.41	.038	.97	.230	5.84	
NEC CM/ PLTC CSA FAS90/ PCC FT 4											
TWO CONDUCTOR SHIELDED CABLES—STRANDED CONDUCTORS											
Tinned copper, PVC conductors cabled with Beldfoil tape shield. Chrome sunlight-resistant PVC jacket.											
Z-Fold™  Beldfoil 100% Shield Coverage 300V and AWM 2462 Appliance Wiring Material	9322	500 1000	152.4 304.8	12.8 25.2	22 (7×30)	.016	.41	.038	.97	.202	5.13
	NEC CMR FAS 105 FT 4					22 AWG stranded tinned copper drain wire. Colour code: Black, Red					
	9320	500 1000	152.4 304.8	13.1 25.4	20 (10×30)	.016	.41	.038	.97	.216	5.49
NEC CL3R FAS 105 FT 4					22 AWG stranded tinned copper drain wire. Colour code: Black, Red.						
9318	500 1000	152.4 304.8	16.8 32.8	18 (16×30)	.016	.41	.038	.97	.236	5.99	
NEC CMR FAS 105 FT 4					22 AWG stranded tinned copper drain wire. Colour code: Black, Red.						

USE FIT®-221 ALPHA HEAT SHRINK TUBING

INDUSTRIAL AUTOMATION PROCESS CONTROL INSTRUMENTATION CABLES

POWER LIMITED 300V 105°C TRAY CABLES

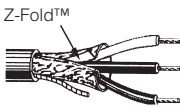
Description U.L. Style C.S.A. Type	Cat. No.	Standard Lengths		Std. Unit Lbs. ea.	AWG (stranding)	Insulation Thickness		Jacket Thickness		Nominal O.D.	
		ft.	m			Inch	mm	Inch	mm	Inch	mm
THREE-CONDUCTOR UNSHIELDED CABLES—STRANDED CONDUCTORS											
Tinned copper, PVC insulated, conductors cabled. Chrome sunlight-resistant PVC jacket. Colour code: Black, Red, White.											
300V and AWM 2464 Appliance Wiring Material 	9491	500 1000	U-152.4 U-304.8	12.3 23.6	22 (7×30)	.016	.41	.038	.97	.210	5.33
	NEC CM/ PLTC CSA PCC FT 4					U.L. LISTED as Riser Communications Cable.					
9493	500 1000	U-152.4 U-304.8	19.0 36.9	18 (16×30)	.016	.41	.038	.97	.246	6.25	
NEC CM/ PLTC CSA FAS 90 PCC FT 4					U.L. LISTED as Riser Communications Cable.						

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For complete product selection please contact your Electro Sonic sales representative.

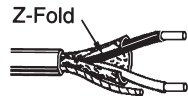
INDUSTRIAL AUTOMATION PROCESS CONTROL INSTRUMENTATION CABLES

POWER LIMITED 300V 105°C TRAY CABLES

Description U.L. Style C.S.A. Type	Cat. No.	Standard Lengths		Std. Unit Lbs. ea.	AWG (stranding)	Insulation Thickness		Jacket Thickness		Nominal O.D.	
		ft.	m			Inch	mm	Inch	mm	Inch	mm
THREE-CONDUCTOR SHIELDED CABLES—STRANDED CONDUCTORS Tinned copper, PVC insulated, conductors cabled. Overall Beldfoil tape and stranded tinned copper drain wire. Chrome sunlight-resistant PVC jacket. Colour code: Black, Red, White.											
 Z-Fold™ Beldfoil 100% Shield Coverage 300V and AWM 2464 Appliance Wiring Material	9363	500 1000	U-152.4 U-304.8	13.9 26.8	22 (7×30)	.016	.41	.038	.97	.212	5.38
	NEC CM/ PLTC CAS PCC FT 4										
	9364	500 1000	U-152.4 U-304.8	16.3 31.8	20 (10×30)	.016	.41	.038	.97	.227	5.77
NEC CL3/ PLTC CSA PCC FT 4											
9365	500 1000	U-152.4 U-304.8	20.9 41.2	18 (16×30)	.016	.41	.038	.97	.248	6.30	
NEC CM/ PLTC CSA FAS 90/ PCC FT 4											

600 VOLT TRAY CABLE—VARIABLE FREQUENCY DRIVE/INSTRUMENTATION


Specifications: UL Subject 1277. UL 1581 Vertical Tray Flame Test Comparable to IEEE 383 (70,000 BTU/hr.) Flame Test. NEC Type TC Listed, which is approved for cable tray use in Class 1, Division 2 areas, per NEC articles 340, 318 and 501 and for Class 1 circuits as permitted in Article 725. Bare Copper Constructions are NEC Type NPLF Listed, which is approved for use in Non Power Limited Fire Protective Signaling circuits, per NEC article 760.

Description U.L. Style	Cat. No.	Standard Lengths		Std. Unit Lbs. ea.	AWG (stranding)	Insulation Thickness		Jacket Thickness		Nominal O.D.	
		ft.	m			Inch	mm	Inch	mm	Inch	mm
TWO-CONDUCTOR UNSHIELDED CABLES—STRANDED CONDUCTORS Tinned copper, PVC insulated nylon overcoat, conductors cabled. Beldfoil shielded and stranded tinned copper drain wire. Black sunlight-resistant PVC jacket. Conductor pairs are colour coded Black and Red.											
 Z-Fold Beldfoil 100% Shield Coverage LISTED E64067 600V	9341	500 1000	152.4 304.8	23.5 47.4	18 (16×30)	.016 PVC .005 Nylon	.41 PVC .13 Nylon	.048	1.22	.278	7.06
	NEC TC										

Special Application

SPECIAL AUDIO, COMMUNICATION, AND INSTRUMENTATION CABLES

Tinned conductors, polyethylene insulated, Black and Red conductors under Beldfoil® aluminum-polyester shield, 25 AWG stranded tinned drain wire, Green and White conductors under overall Beldfoil® aluminum-polyester shield, chrome PVC jacket. Pairs cabled on common axis to reduce diameter. ◊Suggested working voltage: 400V.

Description	Cat. No.	No. of Cond.	Standard Lengths		Std. Unit Lbs. ea.	(Strand- ing)	Insulation Thickness		Jacket Thickness		Nominal O.D.		Nominal Capacitance			
			ft.	m			Inch	mm	Inch	mm	Inch	mm	* pF/ ft.	* pF/ m	** pF/ ft.	** pF/ m
			 Shorting Fold Beldfoil 100% Shield Coverage 80°C	8434			4	100 500 1000	30.5 152.4 304.8	1.8 8.2 15.4	(7×33) 3 copper 4 copper coated steel	.013 .33	.020 .51	.165 4.19	25	82
Colour code: Red, Black, Green, White.																

◊ Manufactured to Government specifications. Shielded and jacketed versions are made to MIL-W-16878 Rev D.

*Capacitance between conductors.

**Capacitance between one conductor and other conductors connected to shield.

†Passes VW-1 Vertical Wire Flame Test.

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