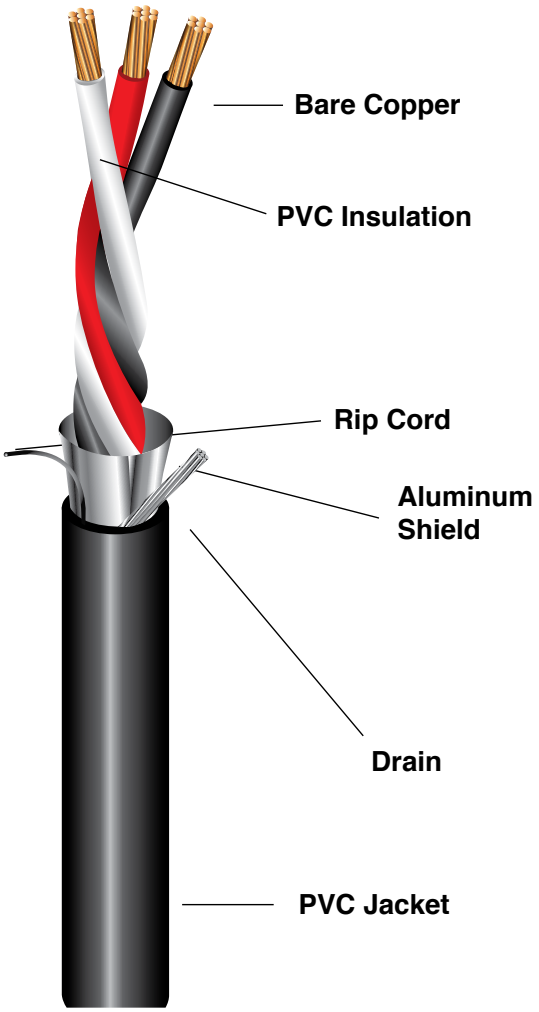
TYPE PLTC/ITC-ER - INSTRUMENTATION TRAY CABLE

Triads with Overall Shield PVC Insulation with Overall PVC Jacket
20 - 16 AWG • 300 Volts • 105°C



CABLE IDENTIFICATION

"ADVANCED DIGITAL CABLE INC. XX AWG X PR SPOS (UL) TYPE PLTC/ITC-ER 105C 300V E179334 SUN RES DIR BUR FT4 IEEE1202"

MADE IN THE USA

DESCRIPTION

ADC's Type PLTC/ITC-ER triads with an overall shield have a PVC insulation, aluminum tape shield with drain wire and an overall sunlight resistant PVC jacket.

APPLICATIONS

Class 1 Division 2 Industrial Hazardous Locations. For use in cable tray, raceway and conduit. For use with audio, intercom, control, energy management, and alarm circuits. For use where sunlight resistance is required.

CONSTRUCTION

Conductors: Soft Drawn Annealed Bare Copper per ASTM B-3 and B-8. Concentric 7 strand. Tinned Copper available upon request.

Insulation: PVC Thickness: Per UL 13 Table 7.3

Cabling: Triads are cabled with staggered lay.

Overall Shield: Aluminum mylar tape providing 100% coverage with a flexible stranded tinned copper drain wire.

Overall Jacket: A black, flame resistant, Polyvinyl Chloride (PVC) jacket is extruded over the assembly. The surface profile shall approximate that of the interior assembly. A rip cord shall be inserted under the jacket for ease of stripping.

Color Code: Method 1 - Black, White and Red (White conductor in each triad printed alphanumerically for easy identification)

INDUSTRY LISTINGS & STANDARDS

UL Listed as PLTC/ITC per UL Standard 13 and 2250
Rated -25°C to 105°C
Direct Burial
OSHA Acceptable
NEC Article 725
CSA FT4
IEEE1202 70,000 BTU Flame Test
ASTM - All Applicable Standards

RoHS COMPLIANT

UL LISTED

PHONE: (800) 343 2579 • FAX: (828) 389 3922 • WWW.ADCABLE.COM

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Conductor Data

Size AWG	Stranding	PVC Insulation Thickness (Mils)	Approximate O.D. (Inches)
20	7	15	.068
18	7	15	.076
16	7	15	.087

Cable Data

20 AWG					18 AWG					16 AWG				
No. of Triads	Part Number	OA Jkt. Thick. (MILS)	Appr. O.D. (IN)	Appr. Weight Lbs./ M Ft.	No. of Triads	Part Number	OA Jkt. Thick. (MILS)	Appr. O.D. (IN)	Appr. Weight Lbs./ M Ft.	No. of Triads.	Part Number	OA Jkt. Thick. (MILS)	Appr. O.D. (IN)	Appr. Weight Lbs./ M Ft.
1	**12001T0S**	35	.221	33	1	**18001T0S**	35	.238	39	1	**16001T0S**	35	.261	51
2	**12002T0S**	40	.360	61	2	**18002T0S**	50	.420	82	2	**16002T0S**	50	.463	107
4	**12004T0S**	50	.445	105	4	**18004T0S**	50	.490	130	4	**16004T0S**	50	.540	175
8	**12008T0S**	50	.560	176	8	**18008T0S**	60	.642	237	8	**16008T0S**	60	.715	325
12	**12012T0S**	60	.685	260	12	**18012T0S**	60	.759	333	12	**16012T0S**	60	.842	462