



Tray Cable ServiceDrive® ASD/VFD

**XHHW-2/PVC Shielded (Patented)
600 Volt Copper**

Description:

3 conductors, stranded, insulated with heat and moisture resistant crosslinked polyethylene (type XHHW-2), phase identified and cabled with suitable fillers and 3 symmetrical bare copper ground conductors. Cable core covered with 5-mil helical copper tape shield, and overall black PVC jacket. **Jacket available in colors.**

Application:

For use in ASD/VFD applications.
Suitable for use in hazardous locations:
Class I - Div 2
Class II - Div 2
Class III - Div 1 and 2

Standards:

UL 1277
ICEA S-95-658/NEMA WC-70
Exposed Runs Rated (TC-ER) (#4 AWG and larger)
Flame Rated: IEEE 383 (70,000 BTU)
ICEA T-29-520 (210,000 BTU) (1/0 AWG and larger)
IEEE 1202/CSA FT-4
Two-hour Firewall
Temperature Rated at 90°C Wet/Dry
Sunlight and Oil Resistant II Jacket
Direct Burial
Code: Method 4
RoHS Compliant

Part Number	Size AWG or Kcmil	Strand (no.)	Insulation Thickness (mils)	Grounding Conductors (AWG)	PVC Jacket Thickness (mils)	Approx. Diameter Overall (inch)	Approx. Net Weight (lb/1000')	Ampacity* (30°C ambient) 90°C Wet/Dry
ASDPTC14/3	14	7	45	3-#10	60	0.57	274	25†
ASDPTC12/3	12	7	45	3-#10	60	0.59	305	30†
ASDPTC10/3	10	7	45	3-#10	60	0.62	351	40†
ASDPTC8/3	8	7	45	3-#10	60	0.64	415	55
ASDPTC6/3	6	7	45	3-#10	60	0.72	539	75
ASDPTC4/3	4	7	45	3-#10	80	0.87	762	95
ASDPTC3/3	3	7	45	3-#10	80	0.92	889	115
ASDPTC2/3	2	7	45	3-#8	80	0.98	1,103	130
ASDPTC1/3	1	19	55	3-#8	80	1.09	1,332	145
ASDPTC1/03	1/0	19	55	3-#6	80	1.18	1,677	170
ASDPTC2/03	2/0	19	55	3-#6	80	1.28	1,991	195
ASDPTC3/03	3/0	19	55	3-#4	80	1.38	2,513	225
ASDPTC4/03	4/0	19	55	3-#4	80	1.51	3,004	260
ASDPTC250/3	250	37	65	3-#4	110	1.75	3,562	290
ASDPTC350/3	350	37	65	3-#2	110	1.97	4,876	350
ASDPTC500/3	500	37	65	3-#1	110	2.23	6,638	430
ASDPTC600/3	600	61	80	3-1/0	110	2.49	8,018	475
ASDPTC750/3	750	61	80	3-2/0	110	2.70	9,846	535

*Per NEC Table 310-16.

†The overcurrent protection for items marked with an obelisk (†) shall not exceed 15 amps for #14 AWG, 20 amps for #12 AWG, and 30 amps for #10 AWG per NEC 310-16 footnote.

Note: The data shown is approximate and subject to standard industry tolerances.

ASD/VFD ServiceDrive® System