

# Aluminum Tray Cable

## XHHW-2 Insulation, PVC Jacket



### Application

This cable is used for power, control, signal, communication, and lighting circuits. It is approved for use in cable trays within hazardous areas and raceways supported by a messenger wire in open air or for direct burial applications. The cable is suitable for installation in both wet and dry locations, including areas exposed to chemicals and oils.

### Construction

Conductor	Class B compact stranded 8000 Series aluminum per ASTM B800 and ASTM B836
Insulation	Cross-Linked Polyethylene (XLPE)
Jacket	Flame- and sunlight-resistant black PVC, rated 90°C, suitable for wet or dry locations per UL 1277

### Technical Data

Rated Voltage	600V
Operating Temperature	The maximum permissible continuous operating temperature of the conductor is 90°C.
Standards	UL 44 Thermoset-Insulated Wires and Cables UL 1277 Electrical Power and Control Tray Cables UL 1685 Vertical-Tray Fire Propagation and Smoke Release Test

Conductor Number	Conductor Size AWG/kcmil	Ground Size AWG/kcmil	Overall Diameter Inch	Ampacity at 90°C
3	6	8	0.65	55
3	4	6	0.79	75
3	2	6	0.95	100
3	1/0	4	1.15	135
3	2/0	4	1.24	150
3	3/0	4	1.34	175
3	4/0	2	1.45	205
3	250	2	1.60	230
3	300	2	1.71	260
3	350	2	1.86	280
3	500	1	2.13	350
3	600	1	2.40	385
3	750	1/0	2.55	435
4	8	8	0.68	36
4	2	6	1.06	80
4	1/0	4	1.27	108
4	4/0	2	1.59	164
4	500	1	2.34	280