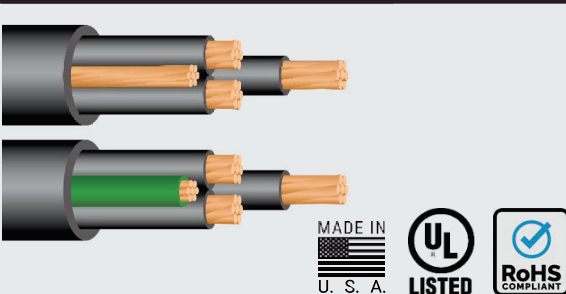


# XPTC TRAY CABLE 12-2 AWG WITH AND WITHOUT GROUND XHHW/PVC



## APPLICABLE TESTS AND STANDARDS

- ✓ UL 1277
- ✓ ICEA S-73-532/ NEMA WC 57 AND S-95-658/NEMA WC70

## FEATURES

- ✓ 600V RATED
- ✓ DIRECT BURIAL AND SUNLIGHT RESISTANT RATED
- ✓ EXPOSED RUNS (TC-ER) RATED
- ✓ IEEE 1202 FLAME RATED
- ✓ -25°C TO 90°C MAX CONTINUOUS OPERATING TEMPERATURE IN WET OR DRY LOCATIONS
- ✓ SUITABLE FOR USE IN CLASS 1 AND 2, DIVISION 2 HAZARDOUS LOCATIONS

## PRINT LEGENDS

- ✓ KRIS-TECH WIRE CO. #XX AWG XX CONDUCTOR BARE GROUND E515926 (UL) TC-ER XHHW-2 600V 90C WET/DRY PVC JACKET SUN RES FT4 OIL RES I DIR BUR "ROHS" MADE IN USA
- ✓ KRIS-TECH WIRE CO. #XX AWG XX CONDUCTOR INSULATED GROUND E515926 (UL) TC-ER XHHW-2 600V 90C WET/DRY PVC JACKET SUN RES FT4 OIL RES I DIR BUR "ROHS" MADE IN USA

## VALUE ADD SERVICE

- ✓ CUSTOM LENGTHS AND PUT-UPS
- ✓ 12 AVAILABLE COLORS
- ✓ WIRE PARALLELING AND CABLING
- ✓ WIRE STRIPING
- ✓ CUSTOM PRINT LEGENDS AND LABELS



SNAP FOR MORE INFORMATION

## SCOPE

Tray cables are multi-purpose wires used across many industries. Applications include industrial power, lighting, control, instrumentation and signal circuits, and switching. It can be installed in conduits, ducts, raceways, and cable tray systems, is direct burial rated, and has indoor and outdoor uses. Cables marked with TC-ER can be used between cable trays and equipment or devices.

## CONSTRUCTION

**Conductors:** Single conductors are solid or stranded and annealed or hardened uncoated copper. Tinned conductors and other stranded configurations are available upon request.

**Insulation:** Single conductors are insulated with concentrically applied XLPE (crosslinked polyethylene) insulation that is VW-1 flame and "Oil and Gasoline Resistant I" rated.

All black insulation is rated "Sunlight Resistant." All colored insulation is rated "Sunlight Resistant" in sizes #6 AWG and larger, and optional in sizes #8 AWG and smaller.

**Ground Conductor:** Single bare copper conductor or insulated green XLPE conductor.

**Jacket:** The assembly is jacketed with a concentrically applied PVC jacket. Overall cable profile will be similar to the interior conductor assembly layout.

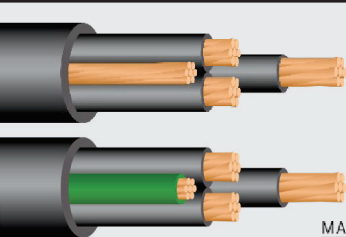
## IDENTIFICATION AND PACKAGING

Print legends on the wire include the manufacturer, conductor size, voltage rating, UL symbol (if applicable) and type designation. Standard length spools are 500 or 2500 feet.

### XPTC Tray Cable with No Ground:

AWG	Number of Conductors	Jacket Thickness (Mils)	Nominal Diameter over Jacket (Inches)	Approximate Shipping Weight (Lbs./1000')
8	2	45	0.57	170
8	3	60	0.63	254
8	4	60	0.70	325
6	2	60	0.66	258
6	3	60	0.70	360
6	4	60	0.77	464
4	2	60	0.77	382
4	3	60	0.82	537
4	4	80	0.95	733
2	2	60	0.89	560
2	3	80	0.99	836

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## XPTC Tray Cable with Bare Copper Ground:

AWG	Number of Conductors	Size of Ground Wire (AWG)	Jacket Thickness (Mils)	Nominal Diameter over Jacket (Inches)	Approximate Shipping Weight (Lbs./1000')
12	2	12	45	0.42	102
12	3	12	45	0.46	131
10	2	10	45	0.47	146
10	3	10	45	0.52	188
8	2	10	45	0.60	207
8	3	10	60	0.70	294
6	2	8	60	0.70	316
6	3	8	60	0.77	420
4	2	8	60	0.82	440
4	3	8	60	0.91	600
2	2	6	60	0.95	651
2	3	6	80	1.09	937

## XPTC Tray Cable with Green Insulated Ground:

AWG	Number of Conductors	Size of Ground Wire (AWG)	Jacket Thickness (Mils)	Nominal Diameter over Jacket (Inches)	Approximate Shipping Weight (Lbs./1000')
12	2	12	45	0.42	107
12	3	12	45	0.46	136
10	2	10	45	0.47	151
10	3	10	45	0.52	194
8	2	10	45	0.60	212
8	3	10	60	0.70	300
6	2	8	60	0.73	366
6	3	8	60	0.77	432
4	2	8	60	0.82	496
4	3	8	60	0.91	611
2	2	6	80	0.97	740



SNAP FOR MORE INFORMATION