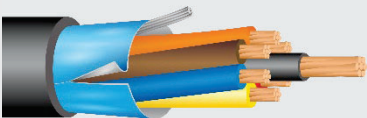


# XPTC TRAY CABLE 14-10 AWG SHIELDED XHHW/PVC



## 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 E515926 (UL) SHIELDED 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

## SCOPE

Tray cables are multi-purpose wires used across many industries. Applications include industrial power, lighting, and 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, annealed or hardened uncoated copper. Tinned conductors and other stranded configurations are available upon request.

**Insulation:** Single conductors are insulated with a 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.

**Shield:** The assembly is lined with an optional tinned copper drain wire and then wrapped with an Aluminum-Mylar shielding.

**Jacket:** The assembly is jacketed with a concentrically applied PVC jacket. The surface profile shall approximate that of the interior assembly.

## IDENTIFICATION AND PACKAGING

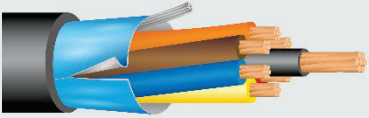
Print legends on the wire shall include the manufacturer, conductor size, voltage rating, UL symbol (if applicable) and type designation. Standard length spools are 500 or 2500 feet.

AWG	Number of Conductors	Jacket Thickness (Mils)	Nominal Diameter over Jacket (Inches)	Approximate Shipping Weight (Lbs/1000')
14	2	45	0.36	59
14	3	45	0.38	78
14	4	45	0.41	98
14	5	45	0.45	119
14	6	45	0.49	139
14	7	45	0.49	156
14	9	45	0.63	216
14	10	60	0.65	236
14	12	60	0.68	272
14	13	60	0.71	293
14	16	60	0.75	349
14	19	60	0.79	404
14	25	80	0.96	555
14	30	80	1.02	649
14	42	80	1.18	879



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AWG	Number of Conductors	Jacket Thickness (Mils)	Number Diameter over Jacket (Inches)	Approximate Shipping Weight (Lbs/1000')
12	2	45	0.40	79
12	3	45	0.42	107
12	4	45	0.46	137
12	5	45	0.50	165
12	6	60	0.58	209
12	7	60	0.58	235
12	9	60	0.70	298
12	10	60	0.73	328
12	12	60	0.75	382
12	16	80	0.88	523
12	18	80	0.92	581
12	19	80	0.92	607
12	25	80	1.08	782
10	2	45	0.44	110
10	3	45	0.47	151
10	4	45	0.52	194
10	5	60	0.59	252
10	6	60	0.65	298
10	7	60	0.65	337
10	8	60	0.73	384
10	9	60	0.79	430
10	10	80	0.87	503
10	12	80	0.90	585
10	16	80	0.99	755



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