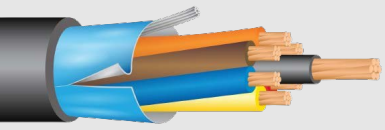
KRIS-TECH PRODUCT SPECIFICATIONS

TRAY CABLE 14-10 AWG SHIELDED XHHW/PVC



MADE IN U. S. A. | UL LISTED | RoHS COMPLIANT

APPLICABLE STANDARDS AND TESTS

- ✓ UL 1277 at 600 volts
- ✓ Flame Rated: IEEE 1202 (70,000 BTU)
- ✓ ICEA S-95-658/NEMA WC-70
- ✓ Temperature Rated at 90°C Wet/Dry
- ✓ -25°C Rated
- ✓ VW-1 Rated Conductors
- ✓ Direct Burial & Sunlight Resistant
- ✓ Exposed Runs Rated (TC-ER)
- ✓ Color Code: NEMA WC 57/ICEA S-73-532 Table E-1 or E-2

PRINT WHEEL

- ✓ Kris-Tech Wire XX AWG XX conductor E515926 (UL) shielded TC-ER XHHW-2 600V 90°c wet/dry PVC jacket sun res FT4 oil res I DIR BUR “RoHS” made in USA

SNAP FOR MORE INFORMATION

SCOPE

Stranded copper conductors (ASTM B-8), crosslinked polyethylene (type XHHW-2) insulated for moisture and heat resistance. Phase identified and cabled together with fillers and/or binders as required. Cabled core is covered with an Aluminum-Mylar shield and a tinned copper drain wire, covered with overall black PVC jacket that is gas and oil resistant. Jacket available in colors. Suitable for use in hazardous locations: Class 1 and 2, Division 2.

CONSTRUCTION

Conductors: Concentric 19 strand soft drawn annealed copper per UL and ASTM requirements. Tinned conductors and other stranded configurations are available upon request. Single conductors are Oil & Gas Resistant I.

Insulation: Crosslinked polyethylene (XLP) is VW-1 rated and Oil and Gasoline Resistant I. All black insulation is rated “Sunlight Resistant”.

Shield: Aluminum-Mylar shield with a tinned copper drain wire.

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

IDENTIFICATION AND PACKAGING

The wire shall be identified by surface marking indicating the manufacturer, conductor size, voltage rating, UL symbol, and type designation.

Custom lengths, color, and packaging is available by request.

Spec: Tray Cable 14-10 AWG Shielded XHHW/PVC
Issued: 02/05/2024
Supersedes: 09/19/2023

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VALUE ADD SERVICE

- ✓ Custom lengths and put-ups
- ✓ 12 available colors
- ✓ Wire paralleling and cabling
- ✓ Wire striping
- ✓ Custom print legends and labels

AWG	Number of Conductors	Jacket Thickness (mils)	Nominal Diameter over Jacket (inches)	Approximate Net Weight (lbs./Mft.)
14	2	45	0.36	67
14	3	45	0.41	91
14	4	45	0.43	113
14	5	45	0.47	132
14	7	45	0.51	171
14	9	60	0.63	228
14	10	60	0.70	254
14	12	60	0.70	289
14	16	60	0.78	397
14	19	60	0.82	453
12	2	45	0.36	87
12	3	45	0.38	121
12	4	45	0.42	153
12	5	45	0.45	185
12	7	60	0.54	251
12	9	60	0.61	312
12	10	60	0.68	339
12	12	60	0.68	406
12	16	80	0.75	565
12	19	80	0.80	635
10	2	45	0.42	114
10	3	45	0.44	163
10	4	45	0.50	225
10	5	60	0.55	271
10	7	60	0.60	363
10	9	60	0.71	363
10	10	80	0.79	444
10	12	80	0.79	491

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