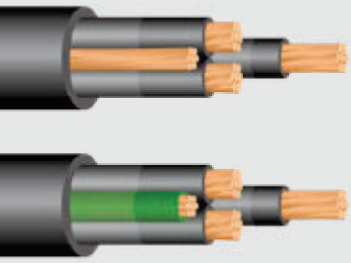
KRIS-TECH PRODUCT SPECIFICATIONS

TRAY CABLE 12-2 AWG WITH AND WITHOUT GROUND 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, E-2, or M4

PRINT WHEEL

- ✓ Kris-Tech Wire XX AWG XX conductor E515926 (UL) TC-ER XHHW-2 600V 90°c wet/dry pvc jacket sun res FT4 "RoHS" made in USA

SNAP FOR MORE INFORMATION

KrisTech PROUDLY MADE IN THE USA

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. Optional bare copper or insulated green ground cable is included as well. Cabled core is covered with an 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".

Ground Conductor: Bare copper conductor or insulated green crosslinked polyethylene (XLP) is Oil and Gasoline Resistant I.

Jacket: A black, flame resistant, Polyvinyl Chloride (PVC) jacket is extruded over the assembly. The surface profile shall approximate that of the interior assembly.

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.

XHHW/PVC Tray Cable with NO Ground

AWG	Number of Conductors	Jacket Thickness (mils)	Nominal Diameter over Jacket (inches)	Approximate Net Weight (lbs./Mft.)
8	2	45	0.48	183
8	3	60	0.64	290
8	4	60	0.70	365
6	2	60	0.58	287
6	3	60	0.72	403
6	4	60	0.80	525
4	2	60	0.68	404
4	3	60	0.82	584
4	4	80	0.94	779
2	2	60	0.74	593
2	3	80	0.99	858
2	4	80	1.08	1072

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Supersedes: 02/05/2024

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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

XHHW/PVC Tray Cable with Bare Copper Ground

AWG	Number of Conductors	Size of Ground Wire (AWG)	Jacket Thickness (mils)	Nominal Diameter over Jacket (inches)	Approximate Net Weight (lbs./Mft.)
12	2	12	45	0.39	107
12	3	12	45	0.44	148
10	2	10	45	0.43	159
10	3	10	45	0.49	204
8	2	10	60	0.55	233
8	3	10	60	0.63	322
6	2	8	60	0.63	344
6	3	8	60	0.72	467
4	2	8	60	0.71	473
4	3	8	60	0.79	632
2	2	6	60	0.80	680
2	3	6	80	0.99	958

XHHW/PVC Tray Cable with Green Insulated Ground

AWG	Number of Conductors	Size of Ground Wire (AWG)	Jacket Thickness (mils)	Nominal Diameter over Jacket (inches)	Approximate Net Weight (lbs./Mft.)
12	2	12	45	0.43	128
12	3	12	45	0.48	159
10	2	10	45	0.48	171
10	3	10	45	0.52	230
8	2	10	60	0.59	246
8	3	10	60	0.66	335
6	2	8	60	0.69	366
6	3	8	60	0.77	498
4	2	8	60	0.78	496
4	3	8	80	0.89	685
2	2	6	80	0.91	740

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