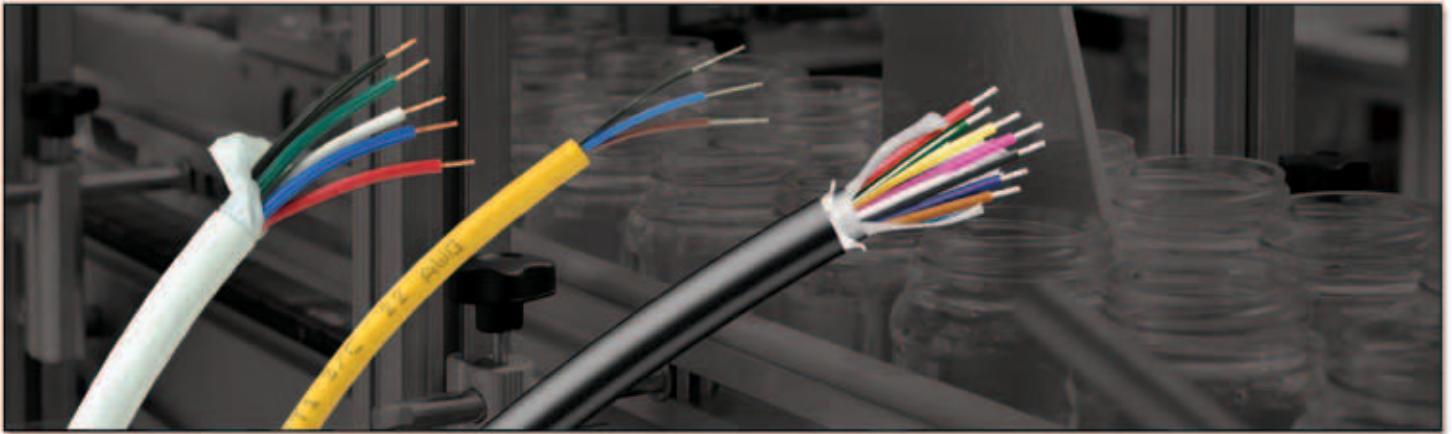




Instrument & Control Cables



Outstanding Performances

EIS Wire & Cable manufactures a variety of high performance instrumentation, power and control cables for use in the industrial distribution market. Our cables offer superior features in design and approvals that make them an excellent choice for markets such as: **Power generation, Refining and Petrochemical, Steel, Pulp and Paper, Solar, Factory Automation and Mining.**

Tray Cables

Type TC Tray Cable (600 volts)
VNTC / UL Type TC
90°C Dry / 75°C Wet
Sunlight Resistant, Direct Burial



Manufactured for use in utility and industrial application where high reliability and installation consideration is essential. Our Tray Cables are suitable for uses such as industrial control systems, intercom systems, power extension and traffic control relays.

Standards:

- UL Type TC, 600 volts
- UL 1581
- UL 1685 flame test
- NEC Type TFN/TFFN, THHN/THWN conductors
- NEMA WC-70/ICEA S-95-685
- IEEE 1202 (70,000 BTU/hr)
- IEEE 383 (70,000 BTU/hr)
- UL Subject 1277 (70,000 BTU/hr)

Unshielded Multi-Conductor Cables Construction:

Conductors: 18AWG – 10AWG, Pairs or Triads, Bare or Tinned Copper. Additional conductor count available upon customer request.

Insulation: Extruded PVC/Nylon type TFN/TFFN per UL 66 (18Awg & 16Awg) & THHN/THWN per UL 83 (14Awg – 10Awg).

Jacket: Extruded Black PVC per UL1277 type TC power and control cables. Additional colors are available upon customer request.

Color Code: Solid and numbered or individually colored for ease of identification.

UNSHIELDED										
AWG (Strand)	# Cond.	Nom. Jkt Thickness Inches	Nom. Insul. Inches	Nom. Insul. Inches	Nom. O.D. Inches	Wt./MFT Lbs.	Voltage	Temp	Type	Color Code Chart K2
#18 (7/.0152)	2	.045"	.0165" PVC	.0055" Nylon	.278"	35	600	90°	TC/VNTC	Black, Red
#18 (7/.0152)	3	.045"	.0165" PVC	.0055" Nylon	.292"	44	600	90°	TC/VNTC	Black, Red, Blue
#16 (7/.0192)	2	.045"	.0165" PVC	.0055" Nylon	.302"	44	600	90°	TC/VNTC	Black, Red
#16 (7/.0192)	3	.045"	.0165" PVC	.0055" Nylon	.318"	57	600	90°	TC/VNTC	Black, Red, Blue
#14 (7/.0242)	2	.045"	.0165" PVC	.0055" Nylon	.332"	58	600	90°	TC/VNTC	Black, Red
#14 (7/.0242)	3	.045"	.0165" PVC	.0055" Nylon	.351"	76	600	90°	TC/VNTC	Black, Red, Blue
#12 (7/.0305)	2	.045"	.0165" PVC	.0055" Nylon	.366"	77	600	90°	TC/VNTC	Black, Red
#12 (7/.0305)	3	.045"	.0165" PVC	.0055" Nylon	.389"	104	600	90°	TC/VNTC	Black, Red, Blue
#10 (19/0.0234)	2	.045"	.0215" PVC	.0055" Nylon	.442"	114	600	90°	TC/VNTC	Black, Red
#10 (19/0.0234)	3	.045"	.0215" PVC	.0055" Nylon	.470"	156	600	90°	TC/VNTC	Black, Red, Blue

Overall Shielded Multi-Conductor Cables Construction:

Conductors: 18AWG – 10AWG, Pairs or Triads, Bare or Tinned Copper. Additional conductor count available upon customer request.

Insulation: Extruded PVC/Nylon type TFN/TFFN per UL 66 (18Awg & 16Awg) & THHN/THWN per UL 83 (14Awg – 10Awg).

Shield: Aluminum/Polyester overall foil shield. Optional individually shielded pair with overall braid or foil shield available upon request.

Jacket: Extruded Black PVC per UL1277 type TC power and control cables. Additional colors are available upon customer request.

Color Code: Solid and numbered or individually colored for ease of identification.

SHIELDED										
AWG (Strand)	# Cond.	Nom. Jkt Thickness Inches	Nom. Insul. Inches	Nom. Insul. Inches	Nom. O.D. Inches	Wt./MFT Lbs.	Voltage	Temp	Type	Color Code Chart K2
#18 (7/.0152)	2	.045"	.0165" PVC	.0055" Nylon	.278"	40	600	90°	TC/VNTC	Black, Red
#18 (7/.0152)	3	.045"	.0165" PVC	.0055" Nylon	.292"	49	600	90°	TC/VNTC	Black, Red, Blue
#16 (7/.0192)	2	.045"	.0165" PVC	.0055" Nylon	.302"	51	600	90°	TC/VNTC	Black, Red
#16 (7/.0192)	3	.045"	.0165" PVC	.0055" Nylon	.318"	63	600	90°	TC/VNTC	Black, Red, Blue
#14 (7/.0242)	2	.045"	.0165" PVC	.0055" Nylon	.332"	65	600	90°	TC/VNTC	Black, Red
#14 (7/.0242)	3	.045"	.0165" PVC	.0055" Nylon	.351"	83	600	90°	TC/VNTC	Black, Red, Blue
#12 (7/.0305)	2	.045"	.0165" PVC	.0055" Nylon	.366"	84	600	90°	TC/VNTC	Black, Red
#12 (7/.0305)	3	.045"	.0165" PVC	.0055" Nylon	.389"	111	600	90°	TC/VNTC	Black, Red, Blue
#10 (19/0.0234)	2	.045"	.0215" PVC	.0055" Nylon	.442"	121	600	90°	TC/VNTC	Black, Red
#10 (19/0.0234)	3	.045"	.0215" PVC	.0055" Nylon	.470"	163	600	90°	TC/VNTC	Black, Red, Blue

