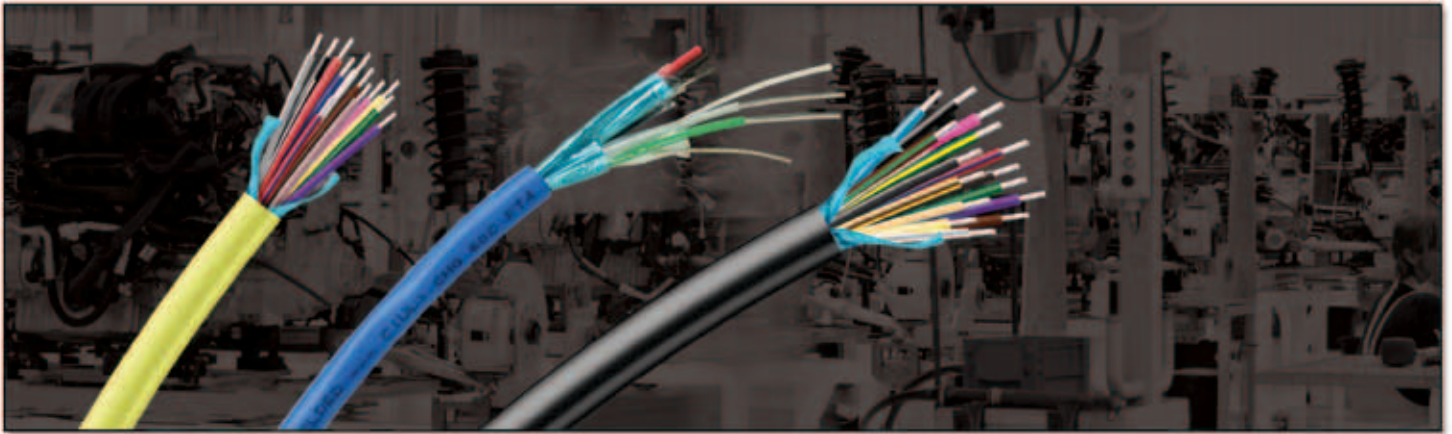




## Instrument & Control Cables



### Power and Control

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.**

#### Instrument / Power-Limited Tray Cables

Type ITC/PLTC General- Purpose Tray Cable (300 volts)

-30°C +105°C rated

Sunlight resistant; suitable for outdoor use.

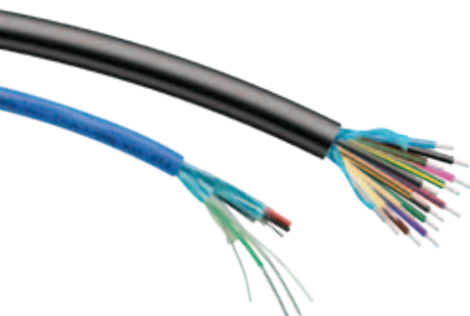
Instrument and control wiring designed for use in factory automation equipment, material handling, sensors, process control and other application where high reliability and installation consideration is essential.

#### Standards:

- NEC Articles 727 & 725
- UL 2250 ITC (22AWG – 12AWG)
- UL 13 PLTC
- UL 1685 flame test
- IEEE 1202 / FT4

#### Additional available ratings:

- UL AWM 2517 (300V)
- UL AWM 2586 (600V)
- AWM I/II A/B 300V FT4
- AWM I/II A/B 600V FT4
- CMX-OUTDOOR-CMG
- MSHA



## Unshielded Multi-Conductor Cables Construction:

**Conductors:** 24AWG – 18AWG, Tinned Copper. Additional gauge sizes and custom conductor count (2 to 30) available upon request.

**Insulation:** Extruded PVC

**Jacket:** Extruded Black PVC. Additional colors are available upon customer request.

**Color Code:** Individually colored for ease of identification.

UNSHIELDED									
AWG (Strand)	# Cond.	Nom. Jkt Thickness Inches	Nom. Insul. Inches	Nom. O.D. Inches	Wt./MFT Lbs.	Voltage	Temp	Type	Color Code Chart K2
24 (7/32)	2	.035"	.013"	.178"	15.0	300	105°C	PLTC/CL3	Black White
24 (7/32)	3	.035"	.013"	.186"	17.9	300	105°C	PLTC/CL3	Black, White, Red
24 (7/32)	4	.035"	.013"	.199"	21.1	300	105°C	PLTC/CL3	Black, White, Red, Green
22 (7/30)	2	.035"	.013"	.190"	17.4	300	105°C	PLTC/ITC/CL3	Black, White
22 (7/30)	3	.035"	.013"	.199"	21.1	300	105°C	PLTC/ITC/CL3	Black, White, Red
22 (7/30)	4	.035"	.013"	.214"	25.4	300	105°C	PLTC/ITC/CL3	Black, White, Red, Green
20 (7/28)	2	.035"	.013"	.206"	21.9	300	105°C	PLTC/ITC/CL3	Black, White
20 (7/28)	3	.035"	.013"	.216"	27.6	300	105°C	PLTC/ITC/CL3	Black, White, Red
20 (7/28)	4	.035"	.013"	.233"	33.6	300	105°C	PLTC/ITC/CL3	Black, White, Red, Green
18 (7/.0152)	2	.035"	.015"	.236"	28.6	300	105°C	PLTC/ITC/CL3	Black, White
18 (7/.0152)	3	.035"	.015"	.249"	36.6	300	105°C	PLTC/ITC/CL3	Black, White, Red
18 (7/.0152)	4	.035"	.015"	.269"	44.6	300	105°C	PLTC/ITC/CL3	Black, White, Red, Green

## Shielded Multi-Conductor Cables Construction:

**Conductors:** 24AWG – 18AWG, Tinned Copper. Additional gauge sizes and custom conductor count (2 to 30) available upon request.

**Insulation:** Extruded PVC

**Shield:** Aluminum/Polyester foil overall. Optional braided shield available upon request.

**Jacket:** Extruded Black PVC. Additional colors are available upon customer request.

**Color Code:** Individually colored for ease of identification.

SHIELDED									
AWG (Strand)	# Cond.	Nom. Jkt Thickness Inches	Nom. Insul. Inches	Nom. O.D. Inches	Wt./MFT Lbs.	Voltage	Temp	Type	Color Code Chart K2
24 (7/32)	2	.035"	.013"	.178"	16.4	300	105°C	PLTC/CL3	Black, White
24 (7/32)	3	.035"	.013"	.186"	19.3	300	105°C	PLTC/CL3	Black, White, Red
24 (7/32)	4	.035"	.013"	.199"	22.5	300	105°C	PLTC/CL3	Black, White, Red, Green
22 (7/30)	2	.035"	.013"	.190"	18.8	300	105°C	PLTC/ITC/CL3	Black, White
22 (7/30)	3	.035"	.013"	.199"	22.5	300	105°C	PLTC/ITC/CL3	Black, White, Red
22 (7/30)	4	.035"	.013"	.214"	26.8	300	105°C	PLTC/ITC/CL3	Black, White, Red, Green
20 (7/28)	2	.035"	.013"	.206"	23.9	300	105°C	PLTC/ITC/CL3	Black, White
20 (7/28)	3	.035"	.013"	.216"	29.6	300	105°C	PLTC/ITC/CL3	Black, White, Red
20 (7/28)	4	.035"	.013"	.233"	35.6	300	105°C	PLTC/ITC/CL3	Black, White, Red, Green
18 (7/.0152)	2	.035"	.015"	.236"	30.6	300	105°C	PLTC/ITC/CL3	Black, White
18 (7/.0152)	3	.035"	.015"	.249"	38.6	300	105°C	PLTC/ITC/CL3	Black, White, Red
18 (7/.0152)	4	.035"	.015"	.269"	46.6	300	105°C	PLTC/ITC/CL3	Black, White, Red, Green

