

UL 13 | Power-Limited Tray Cable

Custom Engineered Solutions. Meet or Exceed Agency Standards.

For factory installation in discrete and continuous process automation and instrumentation applications, select from a variety of options, including conductors, gauge size, shielding and armoring to meet your demands. Partner with our engineers to manufacture cost-effective, custom solutions and navigate the complexities of ITC, PLTC and the corresponding UL requirements. With over 40 years of experience, we understand the criticality of transmitting analogue and digital signals in instrument and control systems.

Products

AGENCY STANDARDS

	PLTC Power Limited Tray Cable	CL2 Class 2 Circuit Rating	CL3 Class 3 Circuit Rating	CL2R Class 2 Circuit Rating Riser	CL3R Class 3 Circuit Rating Riser	CL2X Class 2 Circuit Rating Limited Use	CL3X Class 3 Circuit Rating Limited Use
FEATURES							
Signal	✓	✓	✓	✓	✓	✓	✓
Control	✓	✓	✓	✓	✓	✓	✓
Instrumentation	✓	✓	✓	✓	✓	✓	✓
ATTRIBUTES							
Low-Temperature Rating	≤ -20°C	≤ -20°C	≤ -20°C	≤ -20°C	≤ -20°C	≤ -20°C	≤ -20°C
High-Temperature Rating	105°C	105°C	105°C	105°C	105°C	105°C	105°C
Cold Bend	✓	✓	✓	✓	✓	✓	✓
Impact Resistant	✓	–	–	–	–	–	–
Crush Resistant	✓	–	–	–	–	–	–
Flame Resistant	FT4/IEEE 1202, UL1685 Vertical-Tray	FT4/IEEE 1202, UL1685 Vertical-Tray	FT4/IEEE 1202, UL1685 Vertical-Tray	UL 1666 Riser, FT4	UL 1666 Riser, FT4	VW-1	VW-1
Exposed Run Rated	✓	–	–	–	–	–	–
Direct Burial Rated	✓	–	–	–	–	–	–
Hazardous	Class I, Div 2	Class I, Div 2	Class I, Div 2	Class I, Div 2	Class I, Div 2	Class I, Div 2	Class I, Div 2
Wet Location Use	✓	✓	✓	✓	✓	✓	✓
Oil Resistant	I and II	–	–	–	–	–	–
Chemical Resistant	✓	✓	✓	✓	✓	✓	✓
Sunlight/UV Resistant	✓	✓	✓	✓	✓	✓	✓
FLEXIBILITY							
Torsional Flex	★	★	★	★	★	★	★
Rolling Flex	★	★	★	★	★	★	★
Variable Flex	★	★	★	★	★	★	★
Bend Flex	★	★	★	★	★	★	★
Continuous Flex	★	★	★	★	★	★	★
STANDARDS, AGENCY AND ENVIRONMENTAL COMPLIANCE							
UL	✓	✓	✓	✓	✓	✓	✓
ANSI	✓	✓	✓	✓	✓	✓	✓
CE	✓	✓	✓	✓	✓	✓	✓
IEEE	✓	✓	✓	✓	✓	✓	✓
NEC®	Article 725	Article 725	Article 725	Article 725	Article 725	Article 725	Article 725
NFPA 70	✓	✓	✓	✓	✓	✓	✓
NFPA 79	✓	✓	✓	✓	✓	✓	✓
RoHS2	✓	✓	✓	✓	✓	✓	✓
REACH	✓	✓	✓	✓	✓	✓	✓

STANDARDS, AGENCY AND ENVIRONMENTAL COMPLIANCE:



KEY:

- Not Applicable
- ✓ Featured
- ★ Cost Competitive Custom Options Available