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 UL 2250 ITC
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ITC/PLTC
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FEATURES:

- Signal
- Control
- Instrumentation

BENEFITS:

- UL listed and approved for CE Mark
- Agency compliant to ANSI, NEC®, IEEE, NFPA, RoHS2 and REACH standards
- Dynamic temperature range from -20°C to 105°C
- Cold bend, impact and crush resistant
- Flame resistant
- Exposed run and direct burial

- Suitable for use in wet locations
- Versatile - suitable for use in Class I, Div 2 areas
- Chemical, sunlight, Oil I and II resistant
- Composite and custom options available
- Over-mold and assembly
- Retractable options available



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5 Days Design to Deliver

DYNAMIC RANGE OF USE:

- Transmission of analog and digital signals
- Intercom systems
- Security alarms
- Computer interconnections

	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
INSULATED CONDUCTORS							
Conductor Count	2 or more	2 or more	2 or more	2 or more	2 or more	2 or more	2 or more
AWG (mm2)	22-12 (.34-4.0)	30-12 (.05-4) 11-6 (5.0-16) audio only	24-10 (.25-6)	30-12 (.05-4) 11-6 (5.0-16) audio only	24-10 (.25-6)	30-12 (.05-4) 11-6 (5.0-16) audio only	24-10 (.25-6)
Stranding - Minimum and Maximum Diameter of individual strands AWG in inches (mm2)	★	★	★	★	★	★	★
Material	ETFE,ECTFE, FEP, SRPVC, PVC with or without nylon, XLPE	ETFE,ECTFE, FEP, SRPVC, PVC with or without nylon, XLPE	ETFE,ECTFE, FEP, SRPVC, PVC with or without nylon, XLPE	ETFE,ECTFE, FEP, SRPVC, PVC with or without nylon, XLPE	ETFE,ECTFE, FEP, SRPVC, PVC with or without nylon, XLPE	PVC	PVC
Insulation Wall Thickness AWG in inches (mm)	Dependent on construction	Dependent on construction	Dependent on construction	Dependent on construction	Dependent on construction	Dependent on construction	Dependent on construction
OVERALL CABLING							
Fillers	★	★	★	★	★	★	★
Ground	★	★	★	★	★	★	★
Shielding	★	★	★	★	★	★	★
Armoring	★	★	★	★	★	★	★
Wraps	★	★	★	★	★	★	★
Strength Members	★	★	★	★	★	★	★
OUTER JACKET							
Material	PVC, TPE	PVC, TPE	PVC, TPE	PVC, TPE	PVC, TPE	PVC, TPE, Polyurethane	PVC, TPE, Polyurethane
Color	★	★	★	★	★	★	★
Overall OD inches (mm)	Dependent on construction	Dependent on construction	Dependent on construction	Dependent on construction	Dependent on construction	Dependent on construction	Dependent on construction
ELECTRICAL							
Max. Operating Voltage - UL	300V	30V	300V	30V	300V	30V	300V
DC Resistance	UL 13, Table 17.1, 17.2	UL 13, Table 17.1, 17.2	UL 13, Table 17.1, 17.2	UL 13, Table 17.1, 17.2	UL 13, Table 17.1, 17.2	UL 13, Table 17.1, 17.2	UL 13, Table 17.1, 17.2
Ampacity	No ampacity for signal cables	No ampacity for signal cables	No ampacity for signal cables	No ampacity for signal cables	No ampacity for signal cables	No ampacity for signal cables	No ampacity for signal cables

Products

AGENCY STANDARDS

FLEX:



EXTREME ENGINEERING:

