



Process System Interconnect PLTC/ITC

Quabbin Wire & Cable 18 & 20 AWG Instrumentation Cable Solutions

Expanded Harsh Environment Solutions from Quabbin Wire & Cable Co., Inc. Current offerings include 300V Instrumentation cables that are available with both 18 and 20 AWG conductors. This new lineup features several different constructions with the dual PLTC/ITC rating and UL AWM 2464 listing. Choose from paired or triad constructions to best meet your application requirements.

Design Features

- 105°C Max. Temperature Rating
- -40°C Min. Temperature Rating
- 18 or 20 AWG Stranded Bare Copper
- PVC Insulation
- Black Sunlight Resistant PVC Jacket
- RoHS Compliant Materials

Applications

- Process System Interconnect
- Power Limited Tray Cable (PLTC)
- Instrumentation Tray Cable (ITC)
- Class 3 Circuits

Listings/Ratings

- NEC (UL) Type PLTC
- NEC (UL) Type ITC
- NEC (UL) Type CM
- CEC C(UL) Type CM
- UL AWM Style 2464



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18 & 20 AWG
Instrumentation Cable Solutions

Part No.	AWG	# of Pairs	# of Triads	Capacitance Mutual	Capacitance Grounded	Overall Shield	Shielded Pairs/Triads	Overall Cable Diameter
0321	20	1		33 pF/ft	61 pF/ft	•		.203"
0322	20	2		25 pF/ft	46 pF/ft	•		.264"
0323	20	4		23 pF/ft	43 pF/ft	•		.333"
0324	20	8		22 pF/ft	41 pF/ft	•		.453"
0325	20	2		33 pF/ft	61 pF/ft	•	•	.312"
0326	20	4		33 pF/ft	61 pF/ft	•	•	.411"
0327	20	8		33 pF/ft	61 pF/ft	•	•	.520"
0328	18	1		33 pF/ft	62 pF/ft	•		.233"
0329	18	2		25 pF/ft	47 pF/ft	•		.318"
0330	18	4		23 pF/ft	43 pF/ft	•		.412"
0331	18	8		22 pF/ft	41 pF/ft	•		.535"
0332	18	2		33 pF/ft	62 pF/ft	•	•	.365"
0333	18	4		33 pF/ft	62 pF/ft	•	•	.483"
0334	18	8		33 pF/ft	62 pF/ft	•	•	.638"
0335	20		1	31 pF/ft	57 pF/ft	•		.212"
0336	20		2	23 pF/ft	42 pF/ft	•		.358"
0337	20		4	22 pF/ft	41 pF/ft	•		.432"
0338	20		8	22 pF/ft	40 pF/ft	•		.560"
0339	20		2	31 pF/ft	57 pF/ft	•	•	.367"
0340	20		4	31 pF/ft	57 pF/ft	•	•	.444"
0341	20		8	31 pF/ft	57 pF/ft	•	•	.576"
0342	18		1	31 pF/ft	57 pF/ft	•		.245"
0343	18		2	23 pF/ft	42 pF/ft	•		.442"
0344	18		4	22 pF/ft	41 pF/ft	•		.513"
0345	18		8	22 pF/ft	40 pF/ft	•		.681"
0346	18		2	31 pF/ft	57 pF/ft	•	•	.454"
0347	18		4	31 pF/ft	57 pF/ft	•	•	.527"
0348	18		8	31 pF/ft	57 pF/ft	•	•	.701"

All constructions:

- Max. Temperature Rating of 80°C & 105°C • Min. Temperature Rating of -40°C •
- PLTC, ITC, CM and AWM 2464 Ratings & Approvals • Max. Voltage 300V • Stranded Tinned Copper Drain Wire • RoHS Compliant •

• Made in USA •

At Quabbin, our focus is on manufacturing the best cables on the market, going above and beyond compliance requirements to future-proof your business for tomorrow. We'll help you choose the right products for your needs, every step of the way. That's who we are; the desire to produce world beating products and provide our customers with exemplary service is our foundation.



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