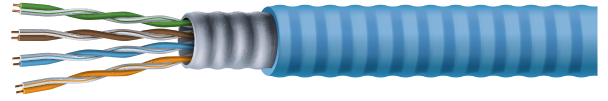


GARDEX CAT 5E ITC 300V



APPLICATION:

Gardex Category 5E ITC 300V ruggedized industrial ethernet cables are suitable to be used in buildings and facilities where C1D2 cables are approved for install. The cables are approved for direct burial and can be used when supported by cable trays or in any raceway. The cables Continuously Corrugated Armor (CCA) allows it to be a self-contained conduit and wiring system, provides a hermetically sealed barrier, is considered an electrical shield in certain applications, and provides physical protection against workplace and installation hazards. The cable is for applications with temperatures from -71°C to 90°C.

CONDUCTORS:

- Solid bare copper

INSULATION:

- Fluoropolymer (FEP) per ASTM D746

ASSEMBLY:

- 4 twisted pairs cabled together with a left hand lay

COLOR CODE:

Pair #	Conductor #1	Conductor #2
1	Blue	White/Blue
2	Orange	White/Orange
3	Green	White/Green
4	Brown	White/Brown

INNER JACKET:

- Clear Fluoropolymer (FEP) per ASTM D746

ARMOR:

- Continuously welded and corrugated aluminum Gardex Armor

OUTER JACKET:

- Blue arctic grade polyvinyl chloride (PVC) per ASTM D746

STANDARDS:

- UL 2250 listed type ITC 300V, 90°C
- For use in Class 1 Div 2 Hazardous locations
- Performance per TIA/EIA-568-B.2 Category 5E
- FEP insulation/jacket passes Impact Brittleness test at -75°C per ASTM D746-04
- PVC jacket passes Impact Brittleness test at -51°C per ASTM D746-04
- UL listed FT-4/IEEE 1202 vertical tray flame test
- Sunlight Resistant

Part Number	Conductor Size	Min Average Thickness				Nominal Overall Diameter	Approx. Weight
		Insulation	Inner Jacket	Armor	Outer Jacket		
		inches	inches	mils	mils		
CAT5E, 4 Pairs, C1D2							
TEL24-4PC5ECCA-C1D2	22	0.009	0.020	25	50	0.503	135

All values are nominal and subject to correction

