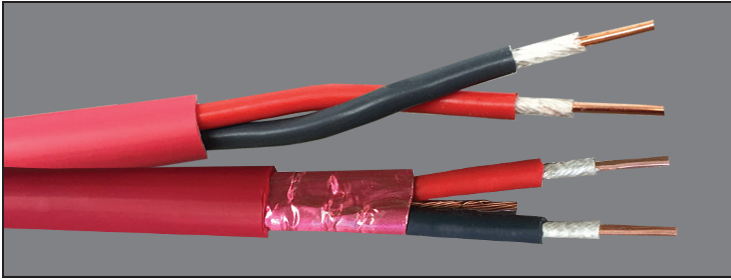


VITALink® DUAL RATED CI/CIC*

300 Volts



CONSTRUCTION

- Conductors: 18-12 AWG Solid Bare Copper and 16-12 AWG Stranded Bare Copper
- Insulation: Low Smoke, Zero Halogen Thermoset Fire-Roc™
- Tape: Flame Retardant Tape
- Cable Assembly: 2 Conductors
- Drain Wire: Stranded Bare Copper (Shielded constructions only)
- Shield: Copper/Polyester Tape (Shielded constructions only)
- Jacket: Red Non-Halogen Flame Retardant Polyolefin (Sequential footage markers every 2 feet)
- Other jacket colors & non-black jacket striping available upon request

LISTINGS & STANDARDS

- ANSI/UL 2196 2 Hour fire rating for use in FHIT System 40A (See UL Fire Directory R27557)
- ULC-S139/2196 Listed with Hose Stream Test for use in FHIT7 System 40A
- UL Type FPLR-CI-ST1, CMR-CI-LS, and CL3R-CI-ST1
- CSA Listed FAS 105 ST1 FT4
- UL 1424 for Power-Limited Fire Alarm Cables; 300V / 105°C
- UL 13 for Power-Limited Circuit Cables; 300V / 105°C
- UL 444 for Communication Cable; 300V / 105°C
- NFPA 70, 72, 130, and 502
- Fire certified for power-limited system use at 72V phase-to-phase utilization voltage
- Sunlight Resistant
- For use in Wet Locations
- NYC Electrical Advisory Board approval #54502, April 2017
- California State Fire Marshal Approved
- RoHS Compliant

CIRCUIT INTEGRITY (CI) vs. CIRCUIT INTEGRITY IN CONDUIT (CIC)

Rated as both Circuit Integrity (CI) and Circuit Integrity in Conduit (CIC), VITALink® CI/CIC cables can be installed either with or without conduit, depending on the application and code requirements. As CI, also referred to as CI Free Air, VITALink® can be used in riser or horizontal (non-plenum) installations without conduit. The cable must be installed per the NEC code and meet all national and local code requirements.

As CIC, VITALink® cable must be installed as the UL listed FHIT System 40A or FHIT7 System 40A and in accordance with the manufacturer's installation instructions. These systems require use of specific hardware including conduit, couplings, pulling lubricant, pull boxes, and supports. In areas such as plenum airspace, VITALink® must be installed in conduit.

**Note: This acronym is not to be confused with the abbreviation for control & instrumentation cable in Canada. VITALink® CIC cables are for circuit integrity applications when installed in conduit.*

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PRODUCT MATRIX

Part Number	Size (AWG)	Number of Conductors	Solid or Stranded Conductors	Nominal Diameter (in/mm)	Approximate Net Weight (lbs/kft)	Nominal Capacitance (pF/ft.)
Shielded						
36397	18	2	Solid	0.309/7.85	49	21
35785	16	2	Solid	0.330/8.38	60	20
36316	14	2	Solid	0.359/9.12	73	25
Unshielded						
36337	18	2	Solid	0.305/7.75	41	13
35777	16	2	Solid	0.321/8.15	52	19
36341	16	2	Stranded	0.344/8.74	54	19
36338	14	2	Solid	0.352/8.94	61	20
36340	14	2	Stranded	0.368/9.38	65	20
36342	12	2	Solid	0.402/10.21	90	22
36339	12	2	Stranded	0.413/10.49	92	22

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