

## VITALink® 300 Cable

### 1 Hour Fire Rated Cable Listed to UL 2196



#### ABOUT VITALink® 300

VITALink® 300 is an RHW-2/RW90 cable, which offers superior fire endurance capabilities along with the well-established benefits and features associated with NEC and CE Code Type RHW-2/RW90 cable designs. It is designed to meet the circuit integrity requirements for emergency lighting, communication, and ventilation applications with respect to NFPA 130.

#### FEATURES & BENEFITS

- Listed to latest revision of UL 2196/ULC S-139 (FHIT/FHIT7 System 130 with 1 hour fire rating at 480V)
- Accommodates up to 7 conductors in one conduit
- Improved fill ratio, not to exceed 38%
- System features a UL 2196-listed splice
- Moisture resistant
- Low Smoke, Zero Halogen design
- Flexible for installation ease
- Easy stripability
- Available in long lengths
- No special tools needed for termination
- Easily pulled (low friction jacket)
- Approved with Champion Flame Shield Phenolic Conduit Type XW
- Approved with Polywater LZ pulling lubricant

#### PRODUCT MATRIX

Part Number	Size (AWG/kcmil)	Number of Strands	Nominal Diameter (in/mm)	Approximate Net Weight (lbs/kft)	Ampacity <sup>1</sup> (amperes)
VR01012-300	12	7	0.21/5.33	39	20 <sup>2</sup>
VR01010-300	10	7	0.24/6.10	54	30 <sup>2</sup>
VR01008-300	8	7	0.30/7.62	84	55
VR01006-300	6	7	0.36/9.14	126	75
VR01004-300	4	7	0.41/10.41	182	95
VR01003-300	3	7	0.44/11.18	220	115
VR01002-300	2	7	0.47/11.94	268	130

1 Ampacity is based on Table 310.15(B)(16) of the National Electrical Code (NEC) based on the 90°C column with 30°C ambient, and 3 current carrying conductors. Temperature limitations per 110.14 of the NEC needs to be considered. Table does not take into consideration voltage drop or fault current capability.

2 Ampacity shown for 12 and 10 AWG conductors is limited by NEC section 240.4(D)