

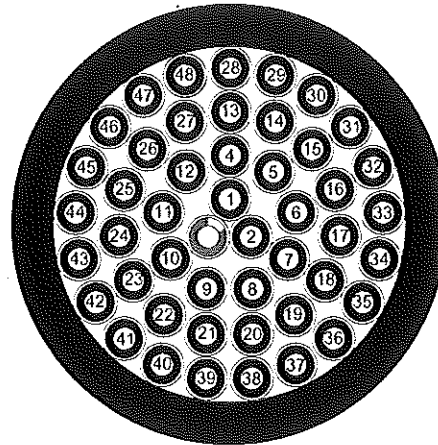


Item Description: 18/48 TC ER

Construction Parameters:

Component 1:
Conductor: 18 AWG 16/30 Bare Copper
Insulation: PVC/Nylon Nom Wall: 0.021
Color Code: Black (1-ONE), Black (2-TWO), Green/Yellow, Black (48-FORTY EIGHT)

Diameter
0.086



0.855

Cabling:
Lay Length: 6.40
Filler: Polypropylene
Core Wrap: Tape & Binder Thread

Jacketing:
Jacket Separator: Rip Cord
Outer Jacket: TPE Nom Wall: 0.082
Jacket Color: BLACK
Legend Type: InkJet
Legend: 18 AWG (0.082mm²) 48/C PVCN/TPE TYPE TC-ER E79496 (UL) 600V 90C DRY 75C WET OR WTTTC 1000V OIL RES I/II SUN RES DIR BUR FT4/IEEE 1202 OR MTW FLEXING -- 156016 CSA PVC/N AWM I/II A/B 105C W75 1000V (-40C) FT4 CON-E-CO 1-800-656-2651

Sequential Marking: Continuous

Physical Properties:

Temperature Range: 90°C Dry/75°C Wet

Electrical Properties:

Voltage Rating: 600V/1000V RMS

Industry Approvals:

UL: TC-ER, WTTTC, MTW
CSA: AWM I/II A/B
Flame Tests:
UL: FT4, IEEE 1202
CSA: FT4
UL Standard: UL 1063, 1277, 2277
CSA Standard: C22.2 No. 210

Features:

Oil Resistant: Yes
Sunlight Resistant: Yes
Water Resistant: Yes

Compliance:

RoHS: Complies with EU Dir. 2011/65/EU (RoHS-2)
NEC Article: 336, 392

Part Number	No. Cond.	Gauge AWG/MCM	No. Strands	Nom. Cond.		Insulation Wall, Nom.		Jacket Wall, Nom.		O.D., Nom.		Net Weight	
				DCR Ω/M'	Inches	mm	Inches	mm	Inches	mm	Lb./kft.	kg/km	
770965	48	18	16/30	6.40	0.021	0.53	0.082	2.08	0.855	21.72	486	723	

Note: All dimensions & weights are nominal subject to industry standards and tolerances unless otherwise noted.

Complies with EU Dir. 2011/65/EU (RoHS-2)
The customer will accept all factory lengths and +/- 10 percent of total order requested.

The information presented here is, to the best of our knowledge, true and accurate. Since conditions of use are beyond Southwire's control all product data presented is for informational purposes only and does not create a binding obligation or liability on Southwire or confer any rights on any customer. The sale of product(s) is conditioned upon acceptance of a purchase order subject to Southwire's standard terms and conditions contained therein, including without limitation Southwire's standard warranty. Southwire disclaims all liability in connection with the use of information contained herein or otherwise.

This specification is proprietary intellectual property of Southwire. Any information contained herein shall not be disclosed to any party without written consent of Southwire.

Customer Company Name: CON-E-CO
Customer Approval: Tracy L. Oliver

Date: 8/19/15
Customer Title: Electrical Designer