ALPHA WIRE CUSTOMER PRODUCT SPECIFICATION

Part Number: 669378 Issue: 2 Page 1 of 2 Pages Issue Date: 11/11/2015 **Effective Date:** 11/25/2015 A. Construction Diameters (In)

1) Component 1 3 X 1 COND

Conductor 16 (26/30) AWG Bare Copper 0.060 Insulation 0.016" Wall, Nom. PVC/ 0.005" Wall NYLON 0.102 (1) Print ALPHANUMERIC NUMBERS - 1-ONE ALTERNATING AND

INVERTED

(2) Color(s)

					1 790	ROBERT TOTAL
Cond	Color	Cond	Color	Const	Color	**************************************
1	BLACK #1	2	BROWN #2	1 3	RED #3 ==	· · · · · · · · · · · · · · · · · · ·

2) Cable Assembly 3 Components Cabled Twists: 4.0 Twists/foot (min)

Orientation: bì Components to be arranged from OUTSIDE LAYER to INSIDE LAYER

Core Wrap REMAY Tape, 25% Overlap, Min. C) Shield: Alum/Mylar Tape, 25% Overlap, Min. a) Foil Direction

Foil Facing In Drain Wire b) 16 (26/30) AWG Tinned Copper

Jacket 0.050" Wall, Nom., TPE 0.339+/- 0.018

Color(s) **BLACK** a)

b) Print ALPHA WIRE-* P/N 669378 3C 16 AWG (1.32mm2)

PCMC # 30641133 TFFN SERIES P (UL) TYPE TC-ER 90C

600V OIL RES I/II SUN RES OR TYPE PLTC 90C --- LLXXXXXX CSA AWM I/II A/B 90C 600V FT4 CE ROHS (DATE CODE) (SEQ FOOTAGE)

* = Factory Code

[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]

B. Applicable Specifications

1) UL

Component 1 **TFFN** 90°C / 600 VRMS MTW b) Overall TC 90°C / 600 VRMS

EXPOSED RUN

SUN RES

PLTC 90°C

OIL RES I/II

CSA International AWM I/II A/B 90°C / 600 VRMS

3) CE: EU Low Voltage Directive 2006/95/EC

Environmental Compliance

1) CE: EU Directive 2011/65/EU(RoHS2):

> This product complies with European Directive 2011/65/EU (RoHS Directive) of the European Parliament and of the Council of 8 June 2011. No Exemptions are required for RoHS Compliance on this item. Consult Alpha Wire's web site for RoHS C of C.

California Proposition 65:

The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65.

D. Physical & Mechanical Properties

1) Temperature Range -25 to 90°C 21 Bend Radius 10X Cable Diameter **Pull Tension** 82 Lbs, Maximum 3)

Sunlight Resistance Yes

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E. Electrical Properties

(For Engineering purposes only)

Voltage Rating

600 VRMS

2) Capacitance

48 pf/ft @1 kHz, Nominal Conductor to Conductor

3) Ground Capacitance4) Inductance

86 pf/ft @1 kHz, Nominal 0.18 µH/ft, Nominal

5) Conductor DCR 6) OA Shield DCR 4.1 Ω/1000ft @20°C, Nominal 4 Ω/1000ft @20°C, Nominal

F. Other

1) Packaging

Flange x Traverse x Barrel (inches)

a) Bulk(Made-to-order)

2) Notes:

a) Only use W30-14 spool per customer request.

This Design is custom, Made-To-Order & once accepted, the order is NON-CANCELLABLE & NON-RETURNABLE.

Accepted By:	Date:	ic V
Company:	Title:	
Paper Converting Co.	Sensor	Designer

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