



### Coast™ Custom Cable

(310) 639-9473 Phone (310) 763-2225 Fax

Part Number: **16-2101**

Revision: **None**

Customer Name: **IEWC**  
End Use Customer: **Thermtrol Corp.**

Customer P/N: **N/A**  
Customer Revision: **N/A**

## Cable Specification

### 20/C 32 AWG Shielded Cable

#### CONDUCTORS (20) 32 AWG

Wire Size & Type: 32 AWG (19/44) Tinned Copper  
Nom. Wire Diameter: 0.010  
Spark Test: 2500V  
Insulation Type: PVC  
Nom. Ins Thickness: 0.009  
Conductor Diameter: **0.028**  
Tolerance (+/-): 0.002

#### SUB-ASSEMBLY (10) Twisted Pairs (3 Twists per inch)

Colors: Alpha Color Code "A"

#### ASSEMBLY

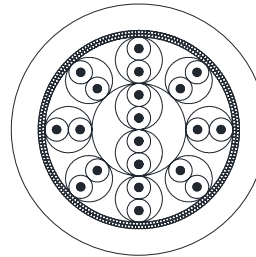
Core Cabling: 10 Twisted Pairs Cabled  
Filler: White or Gray Fibrillated Polypropylene as required for uniform round construction.

#### SHIELD

Type: Braid  
Material: Tinned Copper  
Required Coverage: 90% minimum  
AWG: #38  
Diameter over shield: 0.240

#### JACKET

Material Type: Black PVC  
Separator: None  
Nom. Jkt Thickness: 0.032  
Cable Diameter: **0.304**  
Tolerance (+/-): 0.012



#### TESTS

Test 1: Continuity  
Test 2: Shorts  
Test 3: Physical/Dimensional

#### MISCELLANEOUS

Voltage: 300V  
Temperature: -20°C to + 80°C  
Put Ups: 1,000 FT.  
Reel: Wood or Plastic  
Weight: TBD

#### APPROVALS

UL/CSA: 1) UL  
a) Component 1 AWM/STYLE 1731 105°C / 300V RMS  
b) Overall AWM/STYLE 2464 80°C / 300V RMS  
UL/CSA: None



UNCONTROLLED  
COPY

Dimensions in inches unless otherwise specified

.XXX = +/- .005 .XX = +/- .02 .X = +/- .1

UNCONTROLLED COPY

Prepared By: Michael S. Howard

**Customer Approval:** \_\_\_\_\_

Date: 6/28/2016

Title: \_\_\_\_\_

Configuration Code: **2136122**

Date: \_\_\_\_\_

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