



Coast™ Custom Cable

Tel: (908) 925-8000 E-mail: coast@alphawire.com
Distributor Name: **IEWC**
End Use Customer: **Toshiba**
IP Owner: **Toshiba**

Part Number: **17-1612RB BK199**

Revision: **B**

Customer P/N: **CABLE 2AT**

Customer Revision: **N/A**

Cable Specification

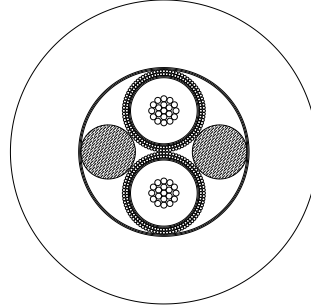
2/C 20 AWG Unshielded Cable

CONDUCTORS

Wire Size & Type: 20 AWG (19/32) Tinned Copper
Nom. Wire Diameter: 0.040
UL: AWM Style 1731, 105C, 300Vac, Horizontal Flame
Insulation Type: PVC
Nom. Ins Thickness: 0.024 (9 mils min. avg. thickness, 7 mils min. thickness at any point)
Conductor Diameter: **0.088**
Tolerance (+/-): 0.003
Colors: Black, White

SUB-ASSEMBLY Each Conductor - Individually Taped and Shielded

Binder: Non-woven Polyester Tape (100% Coverage, 25% Min. Overlap)
Shield Type: Braid
Material: Tinned Copper
Required Coverage: 89% minimum
AWG: #38



ASSEMBLY

Core Cabling: (2) Individually Taped and Shielded Conductors Cabled
Filler: Fibrillated Polypropylene
Binder: Non-woven Polyester Tape (100% Coverage, 25% Min. Overlap)

JACKET

Material Type: Black PVC (FR, Oil & Sun Resistant)
Separator: None
Nom. Jkt Thickness: 0.090
Cable Diameter: **0.404**
Tolerance (+/-): 0.018
Print: Ink Color White
Legend: E163869-CA RU AWM STYLE 2464 80C 300V 20AWG 2C - - REACH, RoHS TOSHIBA INTL CORP PN# CABLE 2AT

TESTS

Test 1: Continuity
Test 2: Shorts
Test 3: Physical/Dimensional
Test 4: Shield Attenuation. Test performed on first article **ONLY** (Avg. Based on 3 samples each per test).

	Shield- Black	Shield- White
1 kHz	-85 dB	-91 dB
10 kHz	-110 dB	-123 dB
40 kHz	-116 dB	-111 dB
60 kHz	-124 dB	-125 dB
100 kHz	-94 dB	-101 dB

MISCELLANEOUS

Voltage: 300Vrms
Temperature: 80°C
Put Ups: Bulk, May Contain Multiple Lengths Per Reel
Reel: Wood or Plastic
Colors: Munsell® Wire & Cable Limits of Deviation

ENVIRONMENTAL COMPLIANCE

RoHS: European Directive 2011/65/EU(ROHS2) and amending Directive 2015/863/EU
REACH: Regulation (EC 1907/2006)

APPROVALS

Component: UL AWM Style 1731, 105C, 300Vac, Horizontal Flame
Final Product: UL AWM Style 2464, 80C, 300Vac, Horizontal Flame

Note: Cable drawing is representative only and may not match the specific configuration of the final product.

Rev B	Print Legend, UL rating & Cust. PN# added per customer request	ews 2/11/19
Rev A	Conductor Change 22 AWG to 20 AWG; Jacket Change TPU to PVC	ews 6/9/17

Dimensions in inches unless otherwise specified

Prepared By: Eli Siliga

Date: 5/25/2017

Customer Approval:

Title:

Date:

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