



Coast™ Custom Cable

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

Part Number: **16-1185RA BK199**

Revision: **None**

Customer Name: **IEWC**
End Use Customer: **Sandia National Labs**

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

Cable Specification

82/C 24 AWG Unshielded Cable

CONDUCTORS

Wire Size & Type: 24 AWG (19/36) Bare Copper
Nom. Wire Diameter: 0.025
Insulation Type: Silicone
Nom. Ins Thickness: 0.008
Conductor Diameter: **0.041**
Tolerance (+/-): 0.002

Note: Printed Stripes Do Not Permanently Adhere To Silicone, Will Rub Off

#1 Black	#29 Black/Brown	#56 Brown/White/Orange
#2 Brown	#30 Black/Red	#57 Brown/White/Yellow
#3 Red	#31 Black/Orange	#58 Brown/White/Green
#4 Orange	#32 Black/Yellow	#59 Brown/White/Blue
#5 Yellow	#33 Black/Green	#60 Brown/White/Violet
#6 Green	#34 Black/Blue	#61 Brown/White/Slate
#7 Blue	#35 Black/Violet	#62 Red/Black
#8 Violet	#36 Black/Slate	#63 Red/Brown
#9 Slate	#37 Black/White	#64 Red/Orange
#10 White	#38 Black/White/Brown	#65 Red/Yellow
#11 Pink	#39 Black/White/Red	#66 Red/Green
#12 White/Black	#40 Black/White/Orange	#67 Red/Blue
#13 White/Brown	#41 Black/White/Yellow	#68 Red/Violet
#14 White/Red	#42 Black/White/Green	#69 Red/Slate
#15 White/Orange	#43 Black/White/Blue	#70 Red/White/Black
#16 White/Yellow	#44 Black/White/Violet	#71 Red/White/Brown
#17 White/Green	#45 Black/White/Slate	#72 Red/White/Orange
#18 White/Blue	#46 Brown/Black	#73 Red/White/Yellow
#19 White/Violet	#47 Brown/Red	#74 Red/White/Green
#20 White/Slate	#48 Brown/Orange	#75 Red/White/Blue
#21 White/Black/Brown	#49 Brown/Yellow	#76 Red/White/Violet
#22 White/Black/Red	#50 Brown/Green	#77 Red/White/Slate
#23 White/Black/Orange	#51 Brown/Blue	#78 Green/Black
#24 White/Black/Yellow	#52 Brown/Violet	#79 Green/Brown
#25 White/Black/Green	#53 Brown/Slate	#80 Green/Red
#26 White/Black/Blue	#54 Brown/White/Black	#81 Green/Orange
#27 White/Black/Violet	#55 Brown/White/Red	#82 Green/Yellow

ASSEMBLY

Core Cabling: 82/C Cabled (Bunch)

Filler: Fiberglass **IF** required for uniform round construction.

Binder: Regular PTFE Tape (100% Coverage, 25% Min. Overlap)

JACKET

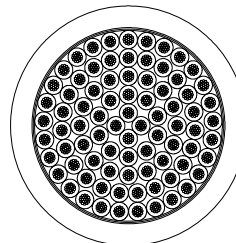
Material Type: Black Silicone

Separator: None

Nom. Jkt Thickness: 0.049

Cable Diameter: **0.535**

Tolerance (+/-): 0.020



TESTS

Test 1: Continuity

Test 2: Shorts

Test 3: Physical/Dimensional

MISCELLANEOUS

Voltage: 30V_{RMS}

Temperature: -60°C to 150°C

Put Ups: Bulk

Reel: Wood or Plastic

Weight: TBD

Print: None

APPROVALS

UL/CSA: None



Rev A

Was 82/C 26 AWG, Now 82/C 24 AWG; OD Was 0.475, Now 0.535

MC 2/12/16

UNCONTROLLED COPY

Dimensions in inches unless otherwise specified

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

UNCONTROLLED COPY

Prepared By: Mike Cother

Customer Approval:

Date: 2/5/2016

Title:

Configuration Code: 101222

Date:

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