



South Bay Cable Corp.

P.O. Box 67 • Idyllwild, California 92549 • (951) 659-2183 • FAX (951) 659-3958
www.southbaycable.com

CUSTOMER: Monterey Bay Aquarium Research Institute

DATE: 03/13/14

CUSTOMER P.O. NO: 1311896

SBC JOB NO: 28305-1-SB

CUSTOMER PART NO: N/A

SBC P/N: SB-48323 Rev A

REEL NUMBER: 71628

LENGTH: 1 @ 1,785 Meters

INVOICE NO: 54718

CERTIFICATION OF CONFORMANCE

We certify that the product furnished against the above subject purchase order was manufactured and tested in accordance with the applicable specifications and/or drawing requirements.

We certify that our products do not contain metallic mercury, mercury compounds, or mercury contamination. We certify the cable jackets to be 100% inspected.

Test reports and/or certifications for materials used during manufacture of our product are on file with us or with our vendors, and are available for examination.

Tom Hansen
Quality Assurance Manager

Reviewed By:	South Bay Cable Corp. Idyllwild, California 92549		Revision
Approved By:	Test Report No. 28305-1-TR	Issue Date 12/19/2013	PAGE 1 OF 1 Revision Date

CUSTOMER: Monterey Bay Aquarium Research JOB NUMBER 28305-1-SB
 CONTRACT NUMBER: 1311896 PART NUMBER SB-48323 Rev. A
 REEL NUMBER: 71628 FOOTAGE: 5857 FT
(1,785 METERS)

1. Voltage withstand conductor to conductor

Required: 1500 VDC

Actual: 1500 VDC

2. Conductor DC Resistance @ 20° C (Nominal)

Required: Awg No. 13 = 2.44 Ohms/1000 Ft

Actual: 2.31 Ω /KFT

Awg No. 26 = 41.4 Ohms/1000 Ft

Actual: 42.7 Ω /KFT

3. Insulation resistance @ 500 VDC (one minute after voltage is applied)

Required: 1000 Megohms-1000 Ft (minimum)

Actual: >1000 MEG Ω /KFT

4. F/O Attenuation

Fiber Optics Attenuation				
F/O Color	Attenuation @ 1310 nm		Attenuation @ 1550 nm	
	Required	Actual	Required	Actual
<u>Aqua</u>	≤ 0.40	<u>.365</u>	≤ 0.30	<u>.230</u>
<u>Yellow</u>		<u>.339</u>		<u>.202</u>
<u>Pink</u>		<u>.358</u>		<u>.230</u>
<u>Blue</u>		<u>.346</u>		<u>.188</u>

5. Visual & Dimensional

Required: Per Work Order

Pass: ☒ Fail: ☐

Inspected by: Lance Johnson

Date: MAR 12 2014

Approved by: Jim [Signature]

Date: 03/12/14

