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Date: Wednesday, December 01, 2010

CERTIFICATE OF CONFORMANCE

Customer:

Customer Purchase Order Number:

Product Type : Fiber Optic Cable

DNL-2022-01

**This document Certifies that the above purchase order number conforms to America
Fujikura Ltd. Specifications for Fiber Optic Cable.**

Certified by:

CARR PRITCHETT
Quality Facilitator

Optical Characteristics Test Results Fiber Optic Cable

Customer:	Job Number:	AFL Reel #: 2106986-00
PO Number:	End Cust PO:	Item Code: DNL-2022-01
Cust Reel #:		Order/Line:

Fiber Specs: Fiber Type	Wave Length	Maximum Attn
SMF-LWP	1310	0.35
	1550	0.25

Fiber Number	Fiber Type	IOR		Unit Seq	Unit	Fiber Seq	Fiber Color	Test Results (dB/km)	
		1310	1550					1310	1550
1	SMF-LWP	1.4675	1.4681	10	BLUE	10	BLUE	0.32	0.18
2	SMF-LWP	1.4675	1.4681	10	BLUE	10	ORANGE	0.32	0.18
3	SMF-LWP	1.4675	1.4681	10	BLUE	10	GREEN	0.32	0.18
4	SMF-LWP	1.4675	1.4681	10	BLUE	10	BROWN	0.32	0.18
5	SMF-LWP	1.4675	1.4681	10	BLUE	10	SLATE	0.32	0.17
6	SMF-LWP	1.4675	1.4681	10	BLUE	10	WHITE	0.33	0.19
7	SMF-LWP	1.4675	1.4681	10	BLUE	10	RED	0.32	0.19
8	SMF-LWP	1.4675	1.4681	10	BLUE	10	BLACK	0.32	0.19
9	SMF-LWP	1.4675	1.4681	10	BLUE	10	YELLOW	0.33	0.18
10	SMF-LWP	1.4675	1.4681	10	BLUE	10	VIOLET	0.33	0.19
11	SMF-LWP	1.4675	1.4681	10	BLUE	10	ROSE	0.32	0.18
12	SMF-LWP	1.4675	1.4681	10	BLUE	10	AQUA	0.33	0.18
13	SMF-LWP	1.4675	1.4681	10	ORANGE	10	BLUE	0.33	0.18
14	SMF-LWP	1.4675	1.4681	10	ORANGE	10	ORANGE	0.33	0.18
15	SMF-LWP	1.4675	1.4681	10	ORANGE	10	ORANGE	0.34	0.19
16	SMF-LWP	1.4675	1.4681	10	ORANGE	10	GREEN	0.33	0.18
17	SMF-LWP	1.4675	1.4681	10	ORANGE	10	BROWN	0.33	0.19
18	SMF-LWP	1.4675	1.4681	10	ORANGE	10	SLATE	0.34	0.19
19	SMF-LWP	1.4675	1.4681	10	ORANGE	10	WHITE	0.33	0.21
20	SMF-LWP	1.4675	1.4681	10	ORANGE	10	RED	0.32	0.17
21	SMF-LWP	1.4675	1.4681	10	ORANGE	10	BLACK	0.32	0.19
22	SMF-LWP	1.4675	1.4681	10	ORANGE	10	YELLOW	0.32	0.19
23	SMF-LWP	1.4675	1.4681	10	ORANGE	10	VIOLET	0.33	0.18
24	SMF-LWP	1.4675	1.4681	10	ORANGE	10	ROSE	0.33	0.18
25	SMF-LWP	1.4675	1.4681	10	GREEN	10	AQUA	0.32	0.19
26	SMF-LWP	1.4675	1.4681	10	GREEN	10	BLUE	0.32	0.18
27	SMF-LWP	1.4675	1.4681	10	GREEN	10	ORANGE	0.32	0.18
28	SMF-LWP	1.4675	1.4681	10	GREEN	10	GREEN	0.32	0.18
29	SMF-LWP	1.4675	1.4681	10	GREEN	10	BROWN	0.33	0.19
30	SMF-LWP	1.4675	1.4681	10	GREEN	10	SLATE	0.33	0.19
31	SMF-LWP	1.4675	1.4681	10	GREEN	10	WHITE	0.34	0.19
32	SMF-LWP	1.4675	1.4681	10	GREEN	10	RED	0.33	0.18
33	SMF-LWP	1.4675	1.4681	10	GREEN	10	BLACK	0.32	0.18
34	SMF-LWP	1.4675	1.4681	10	GREEN	10	YELLOW	0.33	0.18
35	SMF-LWP	1.4675	1.4681	10	GREEN	10	VIOLET	0.33	0.18
36	SMF-LWP	1.4675	1.4681	10	GREEN	10	ROSE	0.33	0.18
							AQUA	0.32	0.19

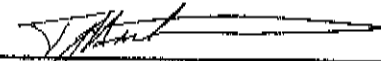
Optical Characteristics Test Results Fiber Optic Cable

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SMF-LWP	1310	0.35
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Fiber Number	Fiber Type	IOR		Unit Seq	Unit	Fiber Seq	Fiber Color	Test Results (dB/km)	
		1310	1550					1310	1550
37	SMF-LWP	1.4675	1.4681	10	BROWN	10	BLUE	0.33	0.18
38	SMF-LWP	1.4675	1.4681	10	BROWN	10	ORANGE	0.34	0.19
39	SMF-LWP	1.4675	1.4681	10	BROWN	10	GREEN	0.34	0.18
40	SMF-LWP	1.4675	1.4681	10	BROWN	10	BROWN	0.33	0.20
41	SMF-LWP	1.4675	1.4681	10	BROWN	10	SLATE	0.32	0.18
42	SMF-LWP	1.4675	1.4681	10	BROWN	10	WHITE	0.33	0.18
43	SMF-LWP	1.4675	1.4681	10	BROWN	10	RED	0.33	0.18
44	SMF-LWP	1.4675	1.4681	10	BROWN	10	BLACK	0.34	0.18
45	SMF-LWP	1.4675	1.4681	10	BROWN	10	YELLOW	0.32	0.19
46	SMF-LWP	1.4675	1.4681	10	BROWN	10	VIOLET	0.32	0.18
47	SMF-LWP	1.4675	1.4681	10	BROWN	10	ROSE	0.33	0.17
48	SMF-LWP	1.4675	1.4681	10	BROWN	10	AQUA	0.32	0.18
Average Attenuation:								0.33	0.18

ISE Seq Mark	1 M	2 Ft	Customer Request Length	1,000 M	3,281 Ft
OSE Seq Mark	1,058 M	3,472 Ft	OTDR Length	1,081 M	3,547 Ft
Actual Ship Length	1,058 M	3,470 Ft			

Certified by: 
Quality Control Manager

Test Date: 12/1/2010