

Measurement Report

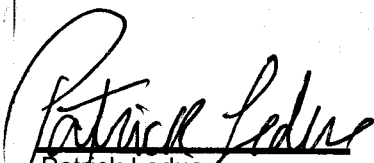
Asset Information

Manufacturer	Unknown
Model	Fiber Spools
Date	Wednesday, July 10, 2013

Environmental Conditions

Temperature	24.8 °C
Relative Humidity	44 %RH

This certifies that the equipment was tested in compliance with a quality system, using Simbol Test Systems Inc. procedures. At the completion of the test, the equipment complied with the performance capability.


Patrick Leduc
Quality Control Manager

Fiber Spools Measurement Report

10-Jul-13

Model Custom Fiber Spools
Connector FC/APC, FC/PC
Fiber Type various



Environmental Conditions

Temperature	24.8°C
Relative Humidity	44% RH

Test performed using

GN Nettest Chromatic dispersion Receiver FD440 RX, S/N: 1285RX
GN Nettest Chromatic dispersion Transmitter FD440 TX, S/N: 1285TX

Spool #	Spool Length*	Dispersion slope**	Lambda Zero
1	26.166 km	0.0867 ps/(nm ² * km)	1306.44 nm
2	23.916 km	0.0869 ps/(nm ² * km)	1304.09 nm
3	20.965 km	0.0651 ps/(nm ² * km)	1419.72 nm
4	24.428 km	0.0767 ps/(nm ² * km)	1527.30 nm
5	25.488 km	0.0697 ps/(nm ² * km)	1583.95 nm
6	25.823 km	0.0774 ps/(nm ² * km)	1584.09 nm
7	25.088 km	0.0804 ps/(nm ² * km)	1584.40 nm
8	17.754 km	0.5240 ps/(nm ² * km)	1467.93 nm
9	20.452 km	0.0794 ps/(nm ² * km)	1583.26 nm
10	15.968 km	0.0720 ps/(nm ² * km)	1552.80 nm
11	20.311 km	0.0717 ps/(nm ² * km)	1561.10 nm
12	30.278 km	0.0510 ps/(nm ² * km)	1585.38 nm
13	25.280 km	0.0552 ps/(nm ² * km)	1607.82 nm
14	33.451 km	0.0729 ps/(nm ² * km)	1549.84 nm
15	20.000 km	0.0787 ps/(nm ² * km)	1602.93 nm
16	25.062 km	0.0867 ps/(nm ² * km)	1303.89 nm
17	4.232 km	0.0873 ps/(nm ² * km)	1304.23 nm
18	5.007 km	0.0882 ps/(nm ² * km)	1318.67 nm
19	25.794 km	0.0855 ps/(nm ² * km)	1315.05 nm
20	18.282 km	0.0866 ps/(nm ² * km)	1313.35 nm

* As supplied by the customer

** Dispersion slope uncertainties are dependent on fiber length

Location:	616 Auguste Mondoux Gatineau, QC J9J 3K3
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Tested by

Régis Lafrance

Approved by

Patrick Leduc

MEASUREMENT QUALITY CONTROL CHECK LIST

Model Fiber Spools

Technician	Description	Quality Control	Aspect
<input checked="" type="checkbox"/>	Item match order (Option & Connector)	<input checked="" type="checkbox"/>	Esthetical
<input checked="" type="checkbox"/>	Selected Service	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	International Voltage Test/Label	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	Serial # is accurate (certificate vs report vs unit)	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	Cleanliness of equipment	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	Dust cap	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	Key taped above (if applicable)	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	All feet present (or spacer for venting holes)	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	Document #	<input checked="" type="checkbox"/>	Technical
<input checked="" type="checkbox"/>	Manufacturer, model & serial	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	Procedure # matching between certificate & test page	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	T*, RH %	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	Quality Control Manager	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	Test page: model, serial, options, connector	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	Equipment listing with serial #	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	Data check against specs	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	All status PASSED	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	(*) linked to related comment	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	Pagination (page # of ## ; if applicable)	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	Technician name & signature	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	Quality Control Manager on last page	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	Report saved in pdf format (Renamed * _QC.pdf by ->)	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	Certificate printed on special paper	<input checked="" type="checkbox"/>	


Technician
signature


Technical quality
manager signature


Esthetical quality
manager signature