Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	1
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	32	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-22.83dBm
Optical Loss	1.73 dB
System Overhead	1.83dB
Operating Margin %	41.27%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	2
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	34	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-24.03dBm
Optical Loss	2.93 dB
System Overhead	0.63dB
Operating Margin %	12.29%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	3
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	35	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-22.80dBm
Optical Loss	1.70 dB
System Overhead	1.86dB
Operating Margin %	42.10%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	4
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	37	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.76dBm
Optical Loss	2.66 dB
System Overhead	0.90dB
Operating Margin %	18.13%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	5
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	38	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.54dBm
Optical Loss	2.44 dB
System Overhead	1.12dB
Operating Margin %	23.17%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	6
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	39	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.34dBm
Optical Loss	2.24 dB
System Overhead	1.32dB
Operating Margin %	27.97%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	7
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	40	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.80dBm
Optical Loss	2.70 dB
System Overhead	0.86dB
Operating Margin %	17.25%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	8
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	41	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.83dBm
Optical Loss	2.73 dB
System Overhead	0.83dB
Operating Margin %	16.58%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	9
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	42	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.91dBm
Optical Loss	2.81 dB
System Overhead	0.75dB
Operating Margin %	14.84%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	10
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	52	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.91dBm
Optical Loss	2.81 dB
System Overhead	0.75dB
Operating Margin %	14.84%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	11
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	53	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.58dBm
Optical Loss	2.48 dB
System Overhead	1.08dB
Operating Margin %	22.23%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	12
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	54	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.61dBm
Optical Loss	2.51 dB
System Overhead	1.05dB
Operating Margin %	21.54%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	13
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	55	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.91dBm
Optical Loss	2.81 dB
System Overhead	0.75dB
Operating Margin %	14.84%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	14
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	56	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.76dBm
Optical Loss	2.66 dB
System Overhead	0.90dB
Operating Margin %	18.13%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	15
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	58	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.91dBm
Optical Loss	2.81 dB
System Overhead	0.75dB
Operating Margin %	14.84%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	16
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	60	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.51dBm
Optical Loss	2.41 dB
System Overhead	1.15dB
Operating Margin %	23.87%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	17
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	61	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.54dBm
Optical Loss	2.44 dB
System Overhead	1.12dB
Operating Margin %	23.17%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	18
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	62	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.83dBm
Optical Loss	2.73 dB
System Overhead	0.83dB
Operating Margin %	16.58%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	19
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	63	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.65dBm
Optical Loss	2.55 dB
System Overhead	1.01dB
Operating Margin %	20.62%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	20
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	64	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.58dBm
Optical Loss	2.48 dB
System Overhead	1.08dB
Operating Margin %	22.23%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	21
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	66	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.04dBm
Optical Loss	1.94 dB
System Overhead	1.62dB
Operating Margin %	35.60%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	22
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	67	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.07dBm
Optical Loss	1.97 dB
System Overhead	1.59dB
Operating Margin %	34.82%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	23
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	70	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-22.98dBm
Optical Loss	1.88 dB
System Overhead	1.68dB
Operating Margin %	37.19%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	24
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	72	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.04dBm
Optical Loss	1.94 dB
System Overhead	1.62dB
Operating Margin %	35.60%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	25
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	73	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.11dBm
Optical Loss	2.01 dB
System Overhead	1.55dB
Operating Margin %	33.77%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	26
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	74	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.20dBm
Optical Loss	2.10 dB
System Overhead	1.46dB
Operating Margin %	31.47%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	27
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	75	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.17dBm
Optical Loss	2.07 dB
System Overhead	1.49dB
Operating Margin %	32.23%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	28
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	77	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-22.83dBm
Optical Loss	1.73 dB
System Overhead	1.83dB
Operating Margin %	41.27%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	29
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	78	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-22.92dBm
Optical Loss	1.82 dB
System Overhead	1.74dB
Operating Margin %	38.81%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	30
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	79	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.17dBm
Optical Loss	2.07 dB
System Overhead	1.49dB
Operating Margin %	32.23%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	31
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	80	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.24dBm
Optical Loss	2.14 dB
System Overhead	1.42dB
Operating Margin %	30.46%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	32
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	81	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.65dBm
Optical Loss	2.55 dB
System Overhead	1.01dB
Operating Margin %	20.62%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	33
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	82	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.58dBm
Optical Loss	2.48 dB
System Overhead	1.08dB
Operating Margin %	22.23%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____

Circuit Detail Report

Optical Wavelength Laboratories

Link ID:	Pratt Industries	Page:	34
Company Name:	Georgia Low Voltage Technologies	Meter Type:	WaveTester
Telephone Number:	404 697 3733	Serial Number:	WT12126
		Software Version:	V2.57
Report Date:	4/20/2017		

Circuit ID:	83	Date of test:	3/1/2017
Calibration Date:	10/22/2012	Temperature:	0.0 F

Circuit Characteristics

Fiber Length (in kilometers):	0.65
Number of Connector Pairs:	60
Number of Splices:	2
Cable Type:	50.0uM MM
Standard:	1000BASE-SX/LX FAST

Circuit Test Results

	850nm
Passive Cable System Attenuation	
Light Source Reference Power	-21.10dBm
Fiber Loss	0.00dB
Connector Loss	0.00dB
Splice Loss	0.00dB
Total Allowable System Loss	3.56dB
Minimum Required Power	-24.66dBm
Measured Power	-23.68dBm
Optical Loss	2.58 dB
System Overhead	0.98dB
Operating Margin %	19.93%
Pass/Fail	Pass

Installer/Tester: _____ Date: _____

Customer: _____ Date: _____