

TPS # _____

AMS-02 LAX3 Jumper Cable Assembly

P/N SEG39138130-301

S/N _____

OPTICAL PERFORMANCE (INSERTION LOSS) TEST PROCEDURE

1. Set Reference Power Level

- 1.1 Install ST adapters onto Meters if required.
- 1.2 Turn ON Optical Power Meter.
- 1.3 Set Optical Power Meter wavelength to 1300 nm by pressing the λ key.
- 1.4 Turn ON Optical Light Source.
- 1.5 Set Optical Light Source wavelength to 1300 nm.
- 1.6 Clean all fiber connections.
- 1.7 Configure test setup per Figure 1.

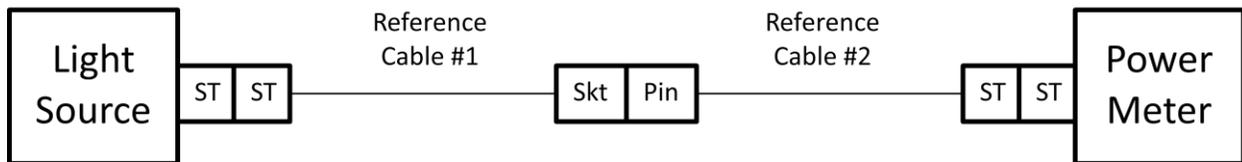


Figure 1. Reference Power Level Setup

- 1.8 Hold SET REF on Optical Power Meter until “hold” displays.

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2. Perform Optical Performance (Insertion Loss) Test – P227A to J227A

2.1 Configure test setup per Figure 2.

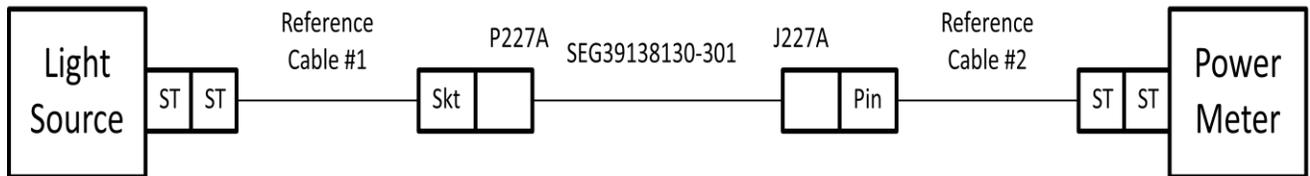


Figure 2. Insertion Loss Test P227A to J227A

2.2 Record the Optical Power Meter displayed end to end loss. Perform measurement 3 times for each configuration until you get consistent results. Record lowest value on TPS.

From	To	Optical Loss (dB)		
		Reading #1	Reading #2	Reading #3
P227A-B	J227A-B			
P227A-C	J227A-C			
P227A-F	J227A-G			
P227A-G	J227A-F			

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3 Perform Optical Performance (Insertion Loss) Test – P1/P2 to J227A

3.1 Configure test setup per Figure 3.

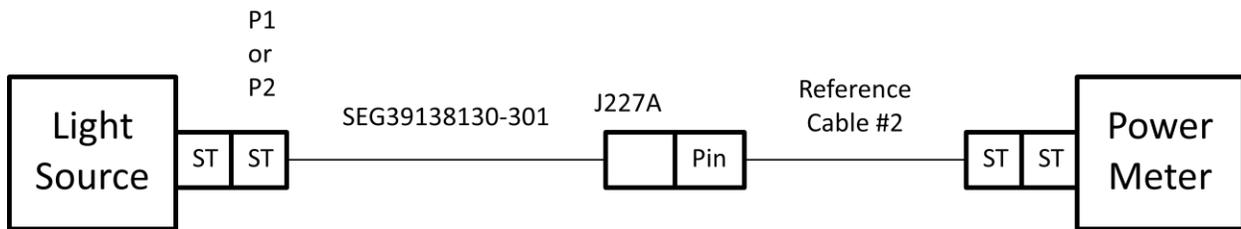


Figure 3. Insertion Loss Test P1/P2 to J227A

3.2 Record the Optical Power Meter displayed end to end loss. Perform measurement 3 times for each configuration until you get consistent results. Record lowest value on TPS.

From	To	Optical Loss (dB)		
		Reading #1	Reading #2	Reading #3
P1	J227A-H			
P2	J227A-D			