

**Series:** FTSH/CLP Low Profile Socket and Terminal Strip

**Description:** Parallel Board-to-Board, 0.050" [1.27mm] Pitch, 5.13mm (0.202") Stack Height

## Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSG	<b>-3dB @ 6.68 GHz</b>
Return Loss	GSG	≤ -5dB to 6.68 GHz
Near-End Crosstalk	GAQG	≤ -8dB to 6.68 GHz
	GAGQG	≤ -20dB to 6.68 GHz
	Xrow, GAG to GQG	≤ -10dB to 6.68 GHz
Far-End Crosstalk	GAQG	≤ -10dB to 6.68 GHz
	GAGQG	≤ -12dB to 6.68 GHz
	Xrow, GAG to GQG	≤ -18dB to 6.68 GHz

Table 2 - Differential Connector System Bandwidth		
Test Parameter	Configuration	
Insertion Loss	GSSG	<b>-3dB @ 8.18 GHz</b>
Return Loss	GSSG	≤ -5dB to 8.18 GHz
Near-End Crosstalk	GAAQQG	≤ -15dB to 8.18 GHz
	GAAGQQG	≤ -28dB to 8.18 GHz
	Xrow, GAASS to GQQG	≤ -15dB to 8.18 GHz
Far-End Crosstalk	GAAQQG	≤ -15dB to 8.18 GHz
	GAAGQQG	≤ -25dB to 8.18 GHz
	Xrow, GAASS to GQQG	≤ -15dB to 8.18 GHz

**PCB/Connector Test System  
Single Ended & Differential Signal Response  
CLP-02 / FTSH-03**

