

**Series:** SS4/ST4

**Description:** Razor Beam™ Low Profile Terminal/Socket Strip,0.4mm Pitch, 4mm Stack Height

## Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSG	3dB@ 13.1 GHz
Return Loss	GSG	>10dB to 4 GHz
Near-End Crosstalk	GAQG	<-20dB to 0.9 GHz
	GAGQG	<-20dB to 18.6 GHz
	Xrow, GAG to GQG	<-20dB to 18.7 GHz
Far-End Crosstalk	GAQG	<-20dB to 11.8 GHz
	GAGQG	<-20dB to 11.7 GHz
	Xrow, GAG to GQG	<-20dB to 13.7 GHz

Table 2 - Differential Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSSG	3dB@ 15.1 GHz
Return Loss	GSSG	>10dB to 1.8 GHz
Near-End Crosstalk	GAAQQG	<-20dB to 20GHz
	GAAGQQG	<-20dB to 20GHz
	Xrow, GAAG to GQQG	<-20dB to 20GHz
Far-End Crosstalk	GAAQQG	<-20dB to 20GHz
	GAAGQQG	<-20dB to 20GHz
	Xrow, GAAG to GQQG	<-20dB to 20GHz

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### Bandwidth Chart – Single-Ended & Differential Insertion Loss

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