

Series: MEC8

Description: Mini Edge Card Vertical Socket, 0.8mm Pitch, Mates with 1.6mm thick cards

Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance				
Test Parameter	Configuration	Driver	Receiver	
Insertion Loss	GSG	Edge_Card_62	MEC8_62	3dB@ 8.2 GHz
Return Loss	GSG	Edge_Card_62	Edge_Card_62	>10dB to 5.6 GHz
Near-End Crosstalk	GAQG	Edge_Card_22	Edge_Card_24	<-20dB to 0.7 GHz
	GAGQG	Edge_Card_62	Edge_Card_66	<-20dB to 20 GHz
	Xrow, GAG to GQG	Edge_Card_61	Edge_Card_62	<-20dB to 9.2 GHz
Far-End Crosstalk	GAQG	Edge_Card_22	MEC8_24	<-20dB to 14.4 GHz
	GAGQG	Edge_Card_62	MEC8_66	<-20dB to 11.2 GHz
	Xrow, GAG to GQG	Edge_Card_62	MEC8_61	<-20dB to 10 GHz

Table 2 - Differential Connector System Performance				
Test Parameter	Configuration	Driver	Receiver	
Insertion Loss	GSSG	Edge_Card_28,30	MEC8_28,30	3dB@ 7.8 GHz
Return Loss	GSSG	Edge_Card_28,30	Edge_Card_28,30	>10dB to 6.2 GHz
Near-End Crosstalk	GAAQQG	Edge_Card_28,30	Edge_Card_32,34	<-20dB to 15.8 GHz
	GAAGQQG	Edge_Card_28,30	Edge_Card_34,36	<-20dB to 20GHz
	Xrow, GAAG to GQQG	Edge_Card_21,23	Edge_Card_22,24	<-20dB to 20GHz
Far-End Crosstalk	GAAQQG	Edge_Card_28,30	MEC8_32,34	<-20dB to 18.9GHz
	GAAGQQG	Edge_Card_28,30	MEC8_34,36	<-20dB to 20GHz
	Xrow, GAAG to GQQG	Edge_Card_22,24	MEC8_21,23	<-20dB to 20GHz

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Bandwidth Chart – Single-Ended & Differential Insertion Loss

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