

Series: QFS/QMS

Description: Micro High Speed Board-to-Board, 0.635mm Pitch, 14mm (0.5512") Stack Height

Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSG	3dB@ 10.7 GHz
Return Loss	GSG	>10dB to 5.1GHz
Near-End Crosstalk	GAQG	<-20dB to 0.4GHz
	GAGQG	<-20dB to 6.1GHz
	Xrow, GAG to GQG	<-20dB to 6.7GHz
Far-End Crosstalk	GAQG	<-20dB to 6.8GHz
	GAGQG	<-20dB to 10.3GHz
	Xrow, GAG to GQG	<-20dB to 20GHz

Table 2 - Differential Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSSG	3dB@ 6.6GHz
Return Loss	GSSG	>10dB to 1.2GHz
Near-End Crosstalk	GAAQQG	<-20dB to 14.1GHz
	GAAGQQG	<-20dB to 20GHz
	Xrow, GAAG to GQQG	<-20dB to 20GHz
Far-End Crosstalk	GAAQQG	<-20dB to 10.2GHz
	GAAGQQG	<-20dB to 20GHz
	Xrow, GAAG to GQQG	<-20dB to 20GHz

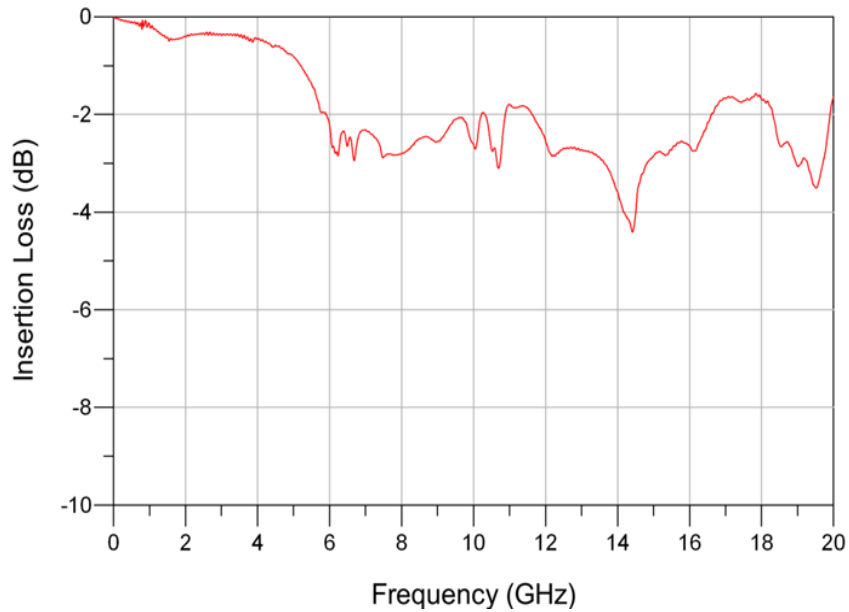
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Bandwidth Chart – Single-Ended & Differential Insertion Loss

QFS/QMS Connector Series

Single-Ended Application - Insertion Loss



Differential Application - Insertion Loss

