

Series: ERF8/ERM8

Description: 0.8mm (0.0315") Pitch, Edge Mount Male (-EM) to Vertical Female (-DV)

Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSG	3dB@ 13.3 GHz
Return Loss	GSG	>10dB to 5.9 GHz
Near-End Crosstalk	GAQG	<-20dB to 0.6 GHz
	GAGQG	<-20dB to 10.9 GHz
	Xrow, GAG to GQG	<-20dB to 20 GHz
Far-End Crosstalk	GAQG	<-20dB to 2.9 GHz
	GAGQG	<-20dB to 7.7 GHz
	Xrow, GAG to GQG	<-20dB to 20 GHz

Table 2 - Differential Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSSG	3dB@ 13.9 GHz
Return Loss	GSSG	>10dB to 8.8 GHz
Near-End Crosstalk	GAAQQG	<-20dB to 3.4 GHz
	GAAGQQG	<-20dB to 13.4 GHz
	Xrow, GAAG to GQQG	<-20dB to 20 GHz
Far-End Crosstalk	GAAQQG	<-20dB to 15.3 GHz
	GAAGQQG	<-20dB to 14 GHz
	Xrow, GAAG to GQQG	<-20dB to 20 GHz

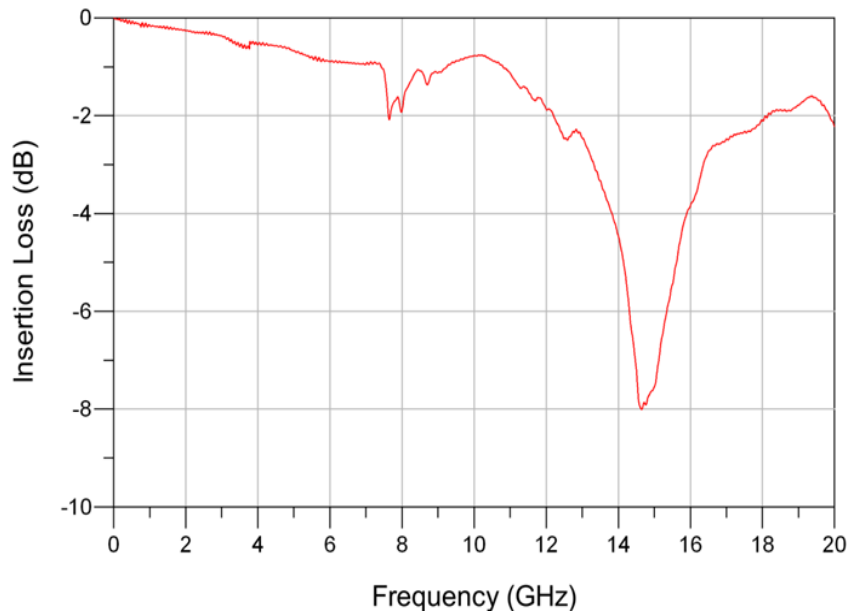
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Bandwidth Chart – Single-Ended & Differential Insertion Loss

ERF8-DV/ERM8-EM Connector Series

Single-Ended Application - Insertion Loss



Differential Application - Insertion Loss

