

Series: ERF8/ERM8

Description: Edge Rate Strip, 0.8mm (0.0315") Pitch, 16mm (0.630") Stack Height

Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSG	3dB@ 16 GHz
Return Loss	GSG	>10dB to 3.2 GHz
Near-End Crosstalk	GAQG	<-20dB to 0.4 GHz
	GAGQG	<-20dB to 11.1 GHz
	Xrow, GAG to GQG	<-20dB to 11.5 GHz
Far-End Crosstalk	GAQG	<-20dB to 3.0 GHz
	GAGQG	<-20dB to 11.0 GHz
	Xrow, GAG to GQG	<-20dB to 16.4 GHz

Table 2 - Differential Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSSG	3dB@ 20 GHz
Return Loss	GSSG	>10dB to 4.6 GHz
Near-End Crosstalk	GAAQQG	<-20dB to 14.6 GHz
	GAAGQQG	<-20dB to 15.8 GHz
	Xrow, GAAG to GQQG	<-20dB to 20 GHz
Far-End Crosstalk	GAAQQG	<-20dB to 16.1 GHz
	GAAGQQG	<-20dB to 20 GHz
	Xrow, GAAG to GQQG	<-20dB to 20 GHz

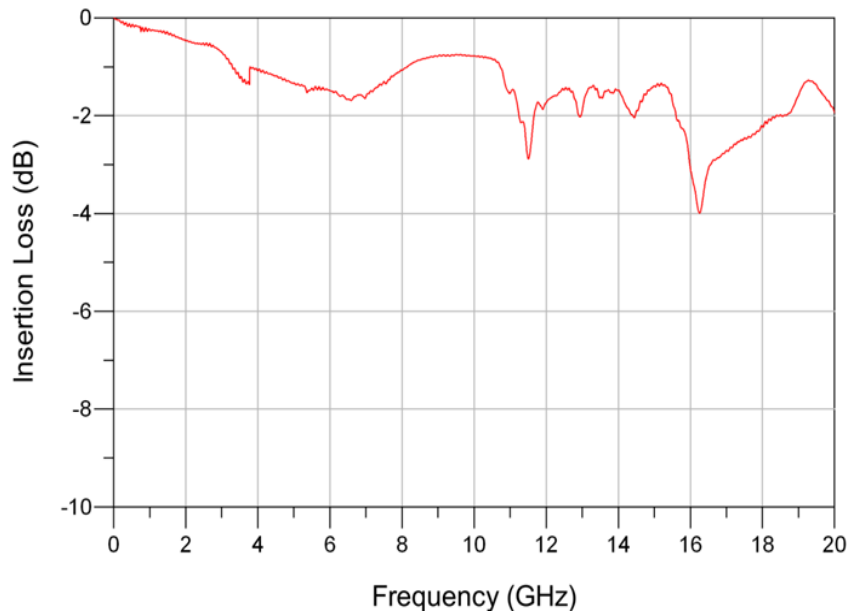
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Bandwidth Chart – Single-Ended & Differential Insertion Loss

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Single-Ended Application - Insertion Loss



Differential Application - Insertion Loss

