

**Series:** QRM8-DP / QRF8-DP Series

**Description:** Differential Pair Configuration, 7mm (.276”) Stack Height, 0.8mm (.0315”) Pitch

## Frequency Domain Data Summary

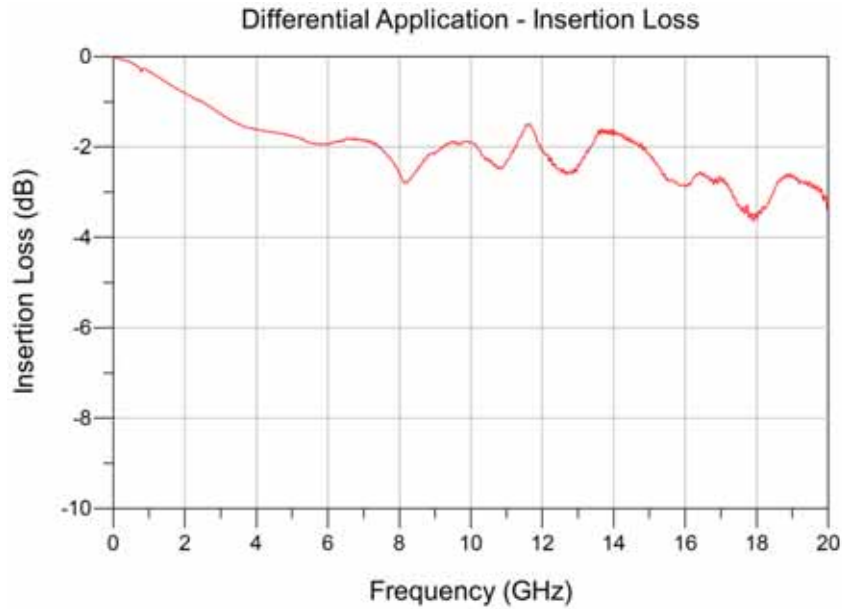
Table 1 - Differential Connector System Performance				
Test Parameter	Configuration	Driver	Receiver	
Insertion Loss	GSSG	QRM8_25,27	QRF8_25,27	3dB @ 17.3 GHz
Return Loss	GSSG	QRM8_25,27	QRM8_25,27	>10dB to 5.2 GHz
Near-End Crosstalk	GAAQQG	QRM8_25,27	QRM8_29,31	< -20dB to 15.2 GHz
	Xrow, GAAG to GQQG	QRM8_25,27	QRM8_26,28	< -20dB to 6.4 GHz
Far-End Crosstalk	GAAGQQG	QRM8_25,27	QRF8_29,31	< -20dB to 15.2 GHz
	Xrow, GAAG to GQQG	QRM8_25,27	QRF8_26,28	< -20dB to 11.8 GHz

**Series:** QRM8-DP / QRF8-DP Series

**Description:** Differential Pair Configuration, 7mm (.276”) Stack Height, 0.8mm (.0315”) Pitch

## Bandwidth Chart – Differential Insertion Loss

QRM8-DP/QRF8-DP Connector Series



## Time Domain Data Summary

Signal Risetime	30ps	50ps	100ps	250ps	500ps
Maximum Impedance	100.7	100.7	100.8	100.3	99.4
Minimum Impedance	83.6	86.4	90.4	94.7	97.4

