

Annexure-I

Quadrature Hybrid MMIC

Sl.no	Parameters	Specifications	Vendor offered Specification
1	Part/Model No.	To be specified by the vendor	
2	Technology & Interface	MMIC Die	
3	Frequency Range	2GHz-18GHz	
4	Coupling	Typ. 3dB	
5	Insertion Loss	Typ. 1.4dB, Max. 4.5dB	
6	Phase Shift	Typ. 90 deg	
7	Amplitude Balance	Typ. ± 2 dB, Max. ± 4 dB	
8	Phase Balance	Typ. ± 5 deg, Max. ± 7 deg	
9	VSWR	$\leq 1.3:1$	

NOTE:

1. Vendor should provide point by point compliance to technical specifications, indicating offered part parameter against each specification in tabular format.
2. Vendor should provide the technical datasheet which includes electrical specifications, mechanical dimension drawings of the offered component.
3. Components should be delivered within 30 weeks after receipt of purchase order.
4. Vendor should clearly indicate ordering information (order to be placed in favor of, component's part no. & other relevant information)
5. All the components shall be packaged in ESD safe packs to ensure they are isolated from mechanical, electrical and environmental damage.