

ANNEXURE-I: MMIC Packaged Digital Attenuator

MMICS - PACKAGED Digital Attenuator

Sl. No.	Parameters	Specifications	Vendor Compliance
1	Frequency range	DC-5 GHz	
2	Insertion Loss (max.)	3 dB	
3	Input and Output Return losses (min.)	13 dB	
4	Input power at 1 dB compression point (min.)	18 dBm	
5	Attenuation range	0-31.5 dB with 6-bit parallel control in steps of 0.5 dB	
6	Control voltage low level (V_{IL})	0.5V max.	
7	Control voltage high level (V_{IH})	2 V min.	
8	Operating temperature range	-20°C to 75°C	
9	DC Power supply	+5V and/or -5V	
10	Package	Plastic package	
11	Size (Length x Width) (max.)	6 mm x 6 mm	

Deliverable- MMICS Packaged Digital Attenuator

Delivery Schedule- Component should be delivered preferably within 16 weeks after receipt of purchase order.

General Terms & Conditions:

1. Vendor should provide technical datasheet from OEM and part no. of component.
2. Vendor should provide authorization certificate from OEM.
3. Vendor should provide point by point compliance to this annexure.
4. Vendor should clearly indicate ordering information (order to be placed in favor of, component's part no. & other relevant information)
5. The item shall be packaged to ensure they are isolated from mechanical, electrical and environmental damage.
6. In addition to other mandatory shipping marking, the following additional marking shall appear on the shipping package in bold letters.

**FRAGILE
HANDLE WITH CARE
TO BE OPENED UNDER CLEAN ENVIRONMENT WITH ESD PROTECTION ONLY
STORE IN A COOL AND DRY PLACE**