

Features	Applications
<ul style="list-style-type: none"> <li>• 18 GHz to 40 GHz</li> <li>• 30 Watts CW Max Power</li> <li>• 10 dB Coupling Value</li> <li>• Standard for humidity, Shock, Vibration</li> </ul>	<ul style="list-style-type: none"> <li>• Communication Systems</li> <li>• GSM, LTE, 5G</li> <li>• Amplifier Systems</li> <li>• Automotive Radar</li> <li>• Defense Applications</li> <li>• Point-to-Point Radio</li> <li>• Wireless Telecoms</li> </ul>

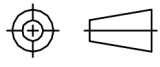
Description	Min	Typical	Max	Units
Frequency Range	18		40	GHz
Impedance		50		Ohms
Coupling	9	10	11	dB
Insertion Loss		1.4	1.6	dB
Directivity	12	15		dB
Main Line VSWR		1.45:1	1.6:1	
Second Line VSWR		1.45:1	1.6:1	
Input Power (CW)			30	Watts
Input Power (Peak)			500	Watts

### Mechanical Spec:

Package Type	Connectorized
Input Connector	2.92mm Female
Output Connector	2.92mm Female
Coupled Connector	2.92mm Female
Weight	0.058 lbs. (26.31 g)

### Environmental:

Operating Range : -45°C to +85°C

<b>Tolerances</b> .X ±0.2 .XX ±0.1 .XXX ±0.05	Scale	Abbr.	Rev.	<b>Part Number</b> IDC112-221	
	NTS	ST	B		
PAGE <b>1 of 1</b>	<b>All Dimensions in mm</b> (Unless Otherwise Specified)			<b>Date</b> 2021/05/10	