

Features

Ultra Wide Band

Low Insertion Loss

High Isolation

Rush Delivery

Fast Response

Customization Available Upon Request

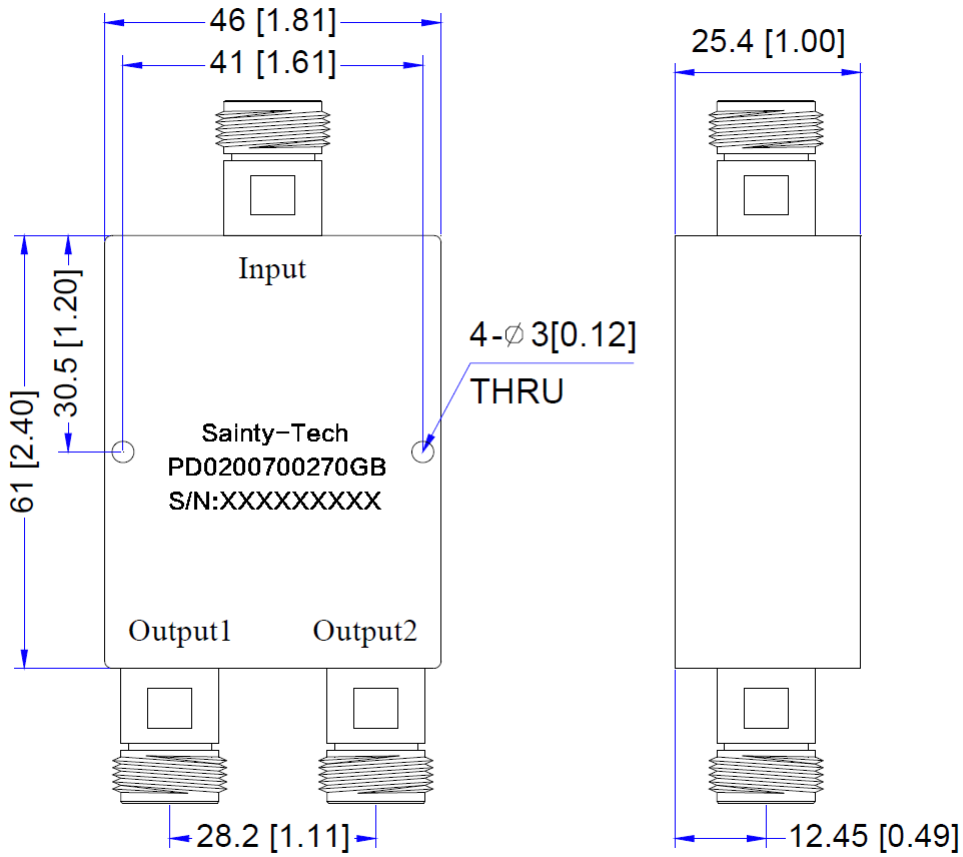
Electrical Specifications

Parameter	Min.	Typ.	Max.	Unit
Frequency	0.7	-	2.7	GHz
Insertion Loss	-	0.3	0.4	dB
Isolation	20	-	-	dB
Input VSWR	-	-	1.25	--
Output VSWR	-	-	1.2	--
Amplitude Umbalance	-	-	±0.3	dB
IM3 (Two +37dBm signal)		130		dBc
Phase Umbalance	-	-	±3	deg
Power Rating	Forward Power	30		W
	Reverse Power	3		W
Impedance	50			Ohms
Input / Output Connectors	N-FEMALE			
Materials	Aluminum			
Finish	Passivated aluminum			

Environmental Specifications

Operating Temperature	-45 to +85°C
Storage Temperature	-55 to +125°C
Altitude	30,000ft (Epoxy Sealed Controlled environment)
Vibration	25g RMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35°C 95% RH at 40°C
Shock	20G for 11msec half sinewave, 3 axis both directions

Outline Drawing



Unit: mm [inches]

Outline tolerance: ± 0.25 [0.01]