

Features

High power handle capability up to 30W

Wide band operation

High isolation within operational band

Low Insertion loss

Low temperature coefficient material offer stable performance over temperature

Aerospace and military application

LMDS multi-carrier operation

High peak to average handle capability

All specifications can be modified upon request

Electrical Specifications

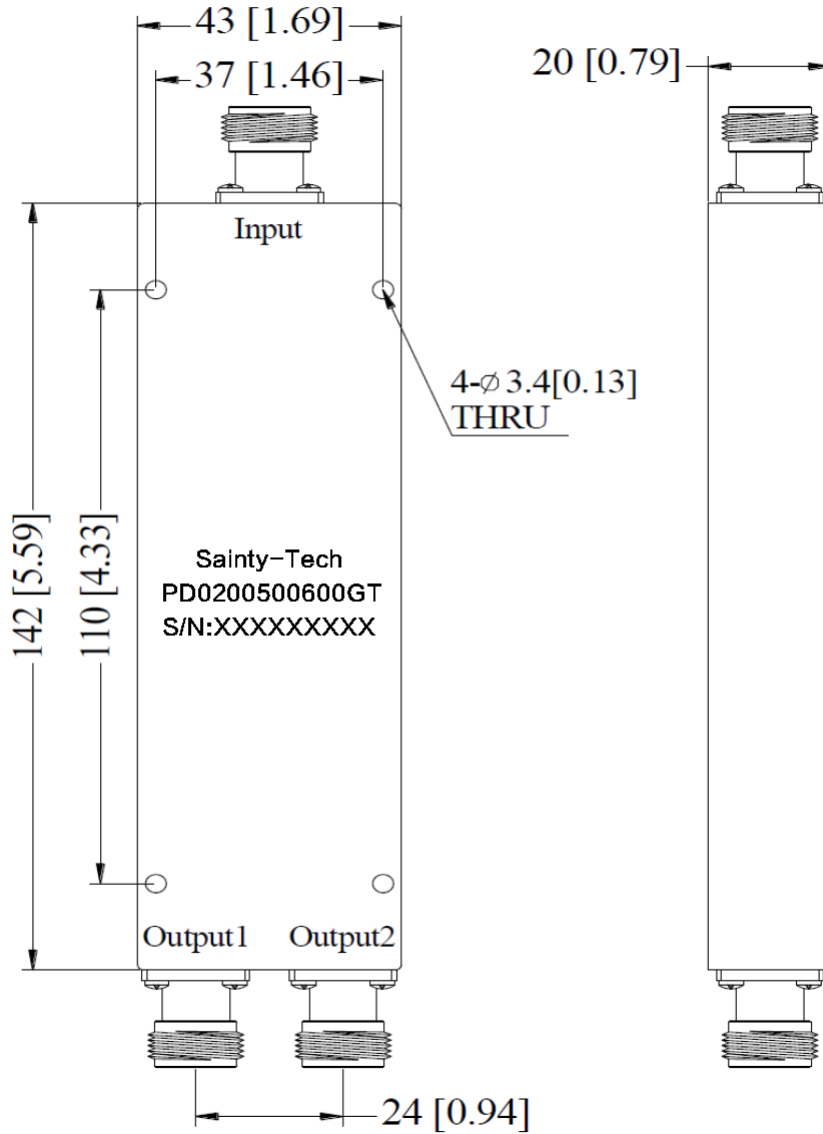
Parameter	Min.	Typ.	Max.	Unit
Frequency	0.5	-	6	GHz
Nominal Splitter Loss	-	3	-	dB
Insertion Loss	-	-	1	dB
Isolation	18	-	-	dB
Input VSWR	-	-	1.4	--
Output VSWR	-	-	1.3	--
Amplitude Unbalance	-	-	±0.2	dB
Phase Unbalance	-	-	±3	deg
Power Rating	Forward Power	30		W
	Reverse Power	2		W
	Peak Power	300		W
Impedance	50			Ohms
Weight	/			Ounce
Input / Output Connectors	TNC-FEMALE			
Materials	Aluminum			
Finish	Gray Paint			

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]