

Bias TEE_0918

N-Type RF Connectors
800-2000 MHz



General Description

The PHT_0918 was specially designed for remote amplifiers biasing. The unit support high current biasing up to 750 mA & up to 18 VDC.

System Features

- Good VSWR, 1.2:1 typ.
- Wideband operation – 800 to 2000 MHz
- Low insertion loss – 0.8 dB typ.
- Good RF to DC Isolation – 40 dB typ.
- N-Type Female connectors
- Operating Temp.: -30°C - +65°C

Application

- Biasing amplifiers
- Biasing of active antenna
- DC Blocking
- Test accessory

Mechanical Data

- Dimensions – 50 x 40 x 40 mm
- Material – Milled Aluminum 6061T6

Technical Specifications

T = 25°C, VDD = +12VDC, 50Ω

Frequency (MHz)		Insertion Loss (dB)		Maximum Power (dBm)	VSWR (:1) Typ.		Isolation RF port to DC port RF & DC port to DC port		DC Power	
F Low	F High	Min	Max	Input (No Damage)	In	Out	Typ	Min	Volt (V) Nom.	Current (mA) Max
800	2000	0.8	1.2	+40	1.15	1.15	40	20	12	750

Maximum Rating

Parameter	Rating
Operating Temperature	-30°C to +75°C case -30°C to +65°C ambient
Storage Temperature	-55°C to 85°C
DC Voltage at DC port	+18V
Input Current	750 mA
Input RF Power	+40 dBm
DC resistance from DC to RF & DC port	4.5Ω typ.

* Specifications are subject to change without prior notice

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