

## 800 to 1000MHz – Band Pass Filter

### Design Features

- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Support one year standard warranty.

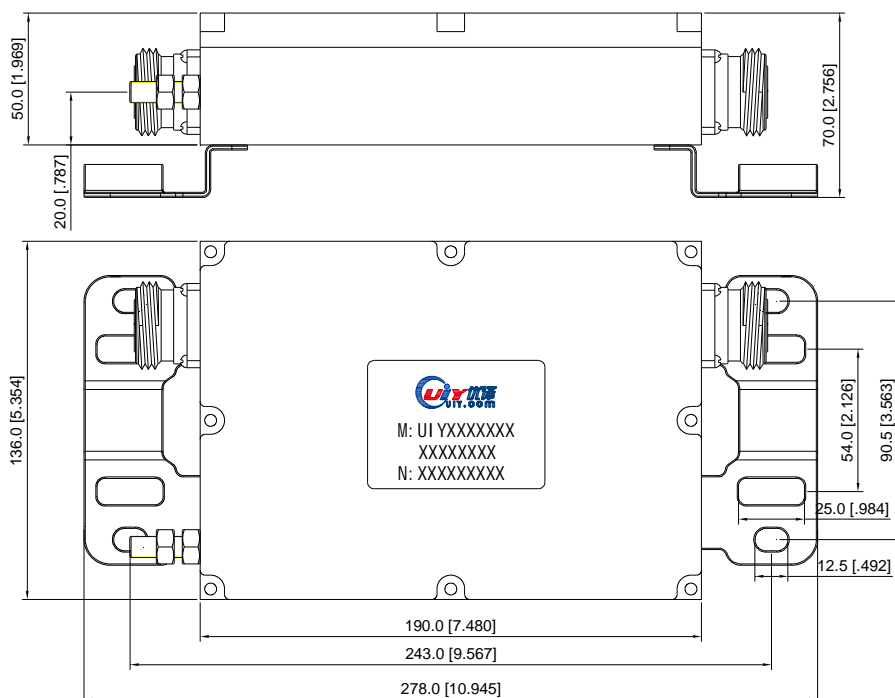
### RF Characteristics

Model Number	Pass Band (MHz)	Insertion Loss Max	VSWR Max	PIM Max	Rejection	Power (W)	Connector Type	Temp.(°C)
UIYBPF278136A 824T884716F	824 ~ 884	1.5dB@878~884MHz 0.65dB@824~878MHz	1.25	/	70dBc@890~960MHz	100	7/16-F	-20 ~ +55
UIYBPF278136A 824T884716FR50	824 ~ 884	1.5dB@878~884MHz 0.65dB@824~878MHz	1.25	/	50dBc@890~960MHz	100	7/16-F	-20 ~ +55
UIYBPF278136A 895T960716F	895 ~ 960	1.4dB@897~960MHz 2.0dB@895~897MHz	1.25	143dBc (2x33dBm)	90dBc@DC~840MHz 50dBc@840~892MHz 50dBc@990~2000MHz 25dBc@970~990MHz	60	7/16-F	-20 ~ +55
UIYBPF278136A 895T960NF	895 ~ 960	1.4dB@897~960MHz 2.0dB@895~897MHz	1.25	143dBc (2x33dBm)	90dBc@DC~840MHz 50dBc@840~892MHz 50dBc@990~2000MHz 25dBc@970~990MHz	60	N-F	-20 ~ +55
UIYBPF278136A 895T960SF	895 ~ 960	1.4dB@897~960MHz 2.0dB@895~897MHz	1.25	143dBc (2x33dBm)	90dBc@DC~840MHz 50dBc@840~892MHz 50dBc@990~2000MHz 25dBc@970~990MHz	60	SMA-F	-20 ~ +55

- 2 Listed are specific frequency ranges and tailor-made ranges are available.
- 2 Please provide the below information when inquiring and mark \* is required.
- \* 1. The specific pass band frequency range
  - \* 2. The specific rejection and frequency
  - 3. Other special requests (such as Insertion Loss, VSWR, Connector Type, Dimension, etc.)

### Mechanical Drawing

Ingress Protection: IP67 (indoor or outdoor)



Unit: mm/ inch, General part tolerance is ±2% unless otherwise stated.

Ver. 5