

# 136 to 200MHz – Band Pass Filter

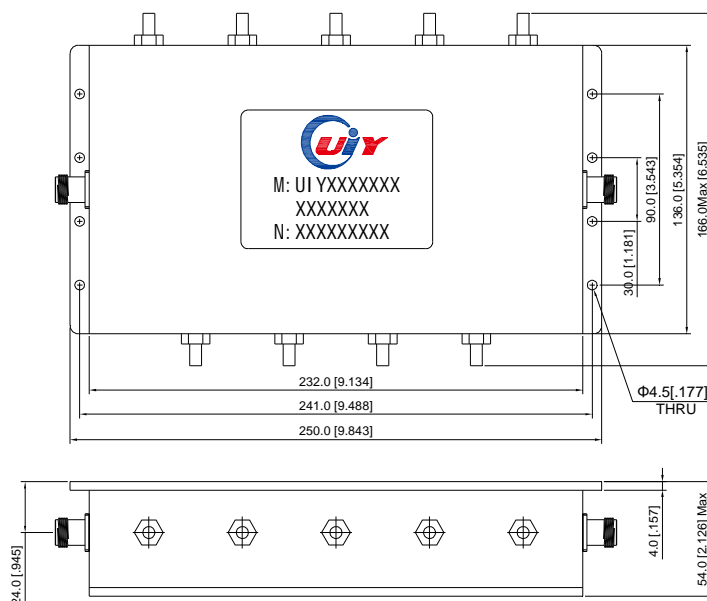
## Design Features

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

## RF Characteristics

Model Number	Pass Band (MHz)	Insertion Loss Max(dB)	VSWR Max	Rejection	Power (W)	Connector Type	Temp.(°C)
UIYBPF250166A136T1385SF	136 ~ 138.5	2.0	1.3	60dB @88~108MHz 40dB @ Fo ±6.5MHz	100	SMA-F	-40 ~ +85
UIYBPF250166A138075T138575NF	138.075~138.575	3.5 Ripple 1.5dB	1.3	60dB @88~108MHz 40dB @ Fo ±3.0MHz	100	N-F	-40 ~ +85
UIYBPF250166A143T1455NF	143 ~ 145.5	2.0	1.3	60dB @88~108MHz 40dB @ Fo ±6.5MHz	100	N-F	-40 ~ +85
UIYBPF250166A143T1455NF	143 ~ 145.5	2.0 Ripple 1.0dB	1.5	40dB @138MHz 40dB @160MHz	100	N-F	-40 ~ +85
UIYBPF250166A150T174NF	150 ~ 174	0.7	1.4	35dB @Fc ±40MHz	100	N-F	-40 ~ +85
UIYBPF250166A153575T154075NF	153.575~154.075	3.5 Ripple 1.5dB	1.3	60dB @88~108MHz 40dB @ Fo ±3.0MHz	100	N-F	-40 ~ +85
UIYBPF250166A1565T159NF	156.5 ~ 159	2.0	1.3	60dB @88~108MHz 40dB @ Fo ±6.5MHz	100	N-F	-40 ~ +85
UIYBPF250166A1574125T1579125NF	157.4125~157.9125	3.5 Ripple 1.5dB	1.3	60dB @88~108MHz 40dB @ Fo ±3.0MHz	100	N-F	-40 ~ +85
UIYBPF250166A16075T16325NF	160.75 ~ 163.25	2.0	1.3	60dB @88~108MHz 40dB @ Fo ±6.5MHz	100	N-F	-40 ~ +85
UIYBPF250166A16675T16925NF	166.75 ~ 169.25	2.0	1.3	60dB @88~108MHz 40dB @ Fo ±6.5MHz	100	N-F	-40 ~ +85
UIYBPF250166A168T1705SF	168 ~ 170.5	2.0	1.3	60dB @88~108MHz 40dB @ Fo ±6.5MHz	100	SMA-F	-40 ~ +85
UIYBPF250166A1845T187NF	184.5 ~ 187	2.0	1.3	60dB @88~108MHz 40dB @ Fo ±6.5MHz	100	N-F	-40 ~ +85
UIYBPF250166A197T1995SF	197 ~ 199.5	2.0	1.3	60dB @88~108MHz 40dB @ Fo ±6.5MHz	100	SMA-F	-40 ~ +85

## Mechanical Drawing



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

Ver. 5