



# Bandpass Filter for Radiated Emission Measurement

The recent Radiated Noise measurement demands Pre-Amp with wide bandwidth / high Gain. However, their measurement would include several issues, e.g. acquired the un-realized noise by intermodulation, the saturated linearity, etc.

**MBP301** is designed for specified 30M-1GHz band to reduce such Noise.

## MBP301 Specification (Typ.)

Parameter	Spec.
In/Out connector	Np-Ni
Pass Bandwidth	30MHz - 1GHz
Insertion Loss	< 2.0dB
VSWR	< 2.0:1
Rejection response	$\geq 40\text{dB}@DC \sim 22\text{MHz}$
	$\geq 40\text{dB}@1.4 \sim 6\text{GHz}$
Impedance	50Ω
Applied Voltage	1W Max.
Temperature	-20°C ~ 60°C
Size (W x H x D)	94 x 19 x 19mm *

