

MX2000N Triplexer

Operation Instructions



PASSION-RADIO.FR

Analogique - Numérique - SDR

To use the triplexer properly, read these instructions thoroughly before using it. Keep this manual carefully at hand for later use.

The MX2000N can be operated three bands (1.6-60MHz, 110-170MHz, 300-950MHz) at the same time. When using a multiband antenna, three transceivers can be operated at the same time. When using a multiband transceiver, three bands can be operated at the same time. Since the mutual interference between each other's band extremely is suppressed (Isolation: more than 60dB), transmitting and receiving at the same time can be operated without the interference. This unit becomes the effective filter as LPF, BPF and HPF to prevent the TVI.

NOTE

This unit is designed for indoors and mobile use. Don't use it outside.

If using this unit outside, it is necessary to waterproof.

Specifications

Pass Band Frequency: LPF 1.6-60MHz / BPF 110-170MHz / HPF 300-950MHz

Power: 1.6-60MHz 800W (PEP) / 110-170MHz 800W (PEP) / 300-950MHz 500W (PEP)

Insertion Loss: 1.6-60MHz Less than 0.15dB / 110-170MHz Less than 0.2dB / 300-950MHz Less than 0.25dB

Impedance: 50ohms

VSWR: Less than 1.2 (In amateur band)

Isolation: More than 60dB (In amateur band)

Connector: MIX M-J / 50MHz M-P / 144MHz M-P / 430MHz N-P

Cable: 5D-2VS 35cm

Dimension: 86(W) x 25(H) x 64(D) mm

Weight: 360g