

UHF Transmit Filter

High performance transmit filter, designed for multi-channel and high power operation. Available in UHF bands 380 MHz to 512 MHz.

- Supports up to 6 carriers of 80W P25 Phase II each
- Intermodulation hardened
- Compact form factor
- Single band or dual band available



Part number

CP05443
 CP04481
 CP04492

Frequency

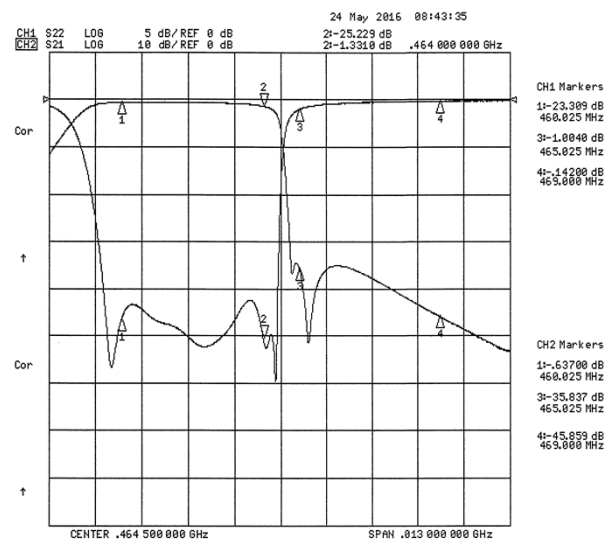
400-420 MHz (single band)
 450-470 MHz (single band)
 450-470 MHz (dual band)

Specification

Band width
 4 MHz
Rejection
 >30 dB at 1 MHz
Input power
 6*80 W P25 Phase II
Peak power
 17kW (2:1 at 0 m altitude)
Insertion loss
 <1.5 dB
Input return loss
 >18 dB
Output return loss
 >18 dB
IM 3rd order
 <-150 dBc at 2*43 dBm
Operating temp.
 -10°C to 60°C
Connectors
 7-16 female DIN
Dimensions
 19", 2U, 14.5" deep
Weight
 20 lbs

Tx-filter

4 MHz
 >30 dB at 1 MHz
 6*80 W P25 Phase II
 17kW (2:1 at 0 m altitude)
 <1.5 dB
 >18 dB
 >18 dB
 <-150 dBc at 2*43 dBm
 -10°C to 60°C
 7-16 female DIN
 19", 2U, 14.5" deep
 20 lbs



Typical filter mask, 460 MHz

COMBILENT USA

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