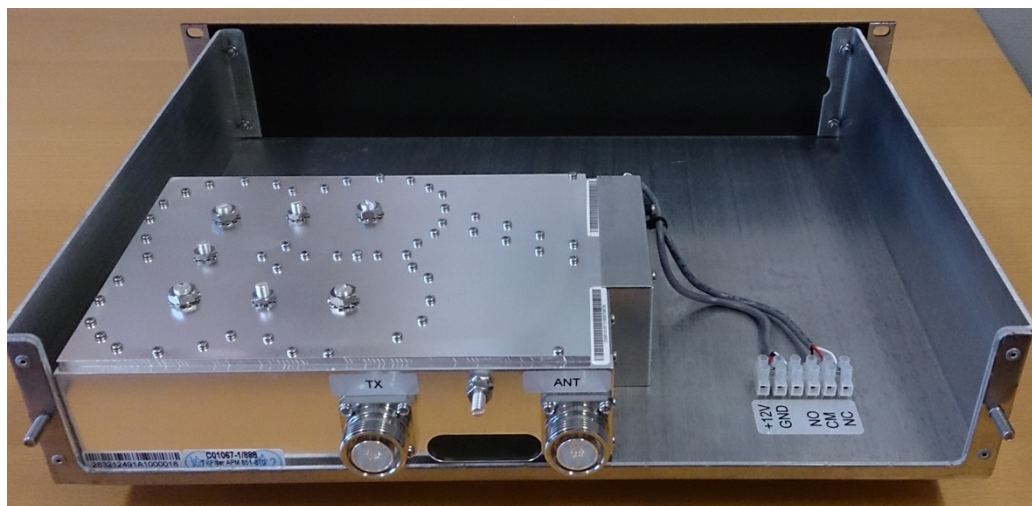


700 MHz, 800 MHz, 900 MHz Transmit Filter with Integrated Antenna Power Monitor

High performance transmit filter, designed for multi-channel and high power operation. Available in 700 MHz, 800 MHz, and 900 MHz bands

- Supports up to 12 carriers of 50W each
- Intermodulation hardened
- Compact form factor
- Power monitor is Ethernet / SNMP enabled / SYSLOG
- Measures Forward & Reflected power, antenna VSWR, temperature
- Alarms are user configured via Ethernet or SNMP



Combilent

Ryttermarken 5, 3520 Farum, Denmark
sales@combilent.com www.combilent.com

TX RX Systems

8625 Industrial Parkway, Angola, NY 1400, USA
sales@txrx.com www.txrx.com



DS20816. October 31, 2019

Specification, System

700 MHz Model 763-775 MHz
Rejection 793-824 MHz >40 dB
Rejection 720-737 MHz >40 dB

800 MHz Model 851-869 MHz
Rejection 793-824 MHz >40 dB
Rejection 896 MHz >40 dB

900 MHz Model 935-941 MHz
Rejection 806-902 MHz >40 dB
Rejection 974 MHz >40 dB

Specification

Input power 12*50 W
Peak power 32kW (2:1 at 0 m altitude)
Insertion loss <0.25 dB
Input return loss >20 dB
Output return loss >20 dB
IM 5th order <-150 dBc at 2*43 dBm
Operating temp. -30°C to 60°C
Connectors 7-16 female
Dimensions 19", 2U, 14.5" deep
Weight 14 lbs
Drawings OD17689.pdf

Tx-filter

Product options

CP05457 700 MHz including DPM, AC
 CP05458 800 MHz including DPM, AC
 CP05459 900 MHz including DPM, AC

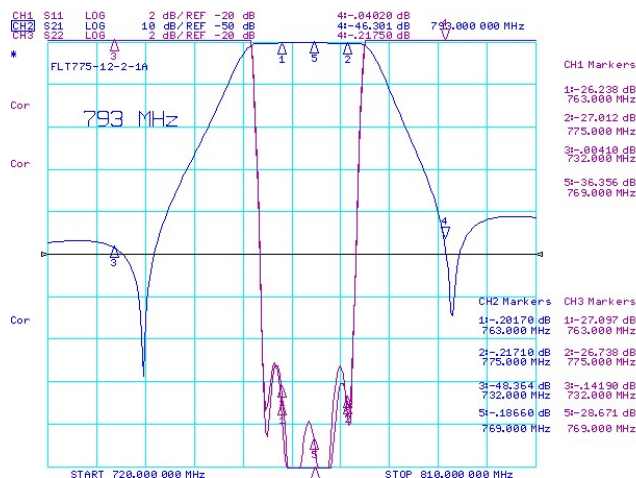
Specification

Power supply
Interfaces
Alarm output
Functions and alarms

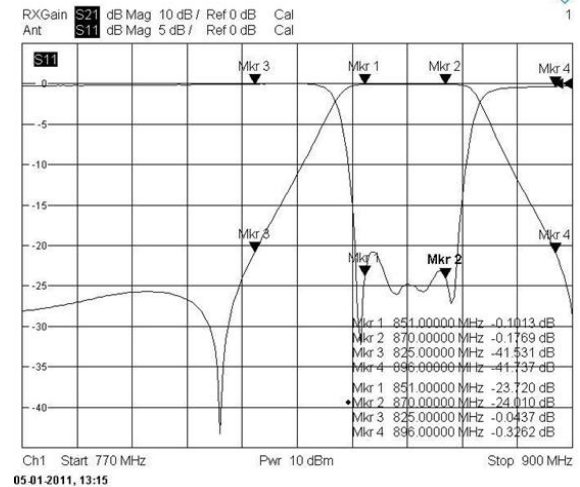
Power Monitor (DPM)

90-230V AC
 Integrated web-server
 SNMP v1
 Dry contact
 Forward power (composite)
 Reflected power (composite)
 Antenna VSWR
 Temperature
 SNTF
 SYSLOG
 Firmware update
 Factory test data

Features



Typical filter mask, 700 MHz



Typical filter mask, 800 MHz

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