



UMTS Full Band Transmit Filter

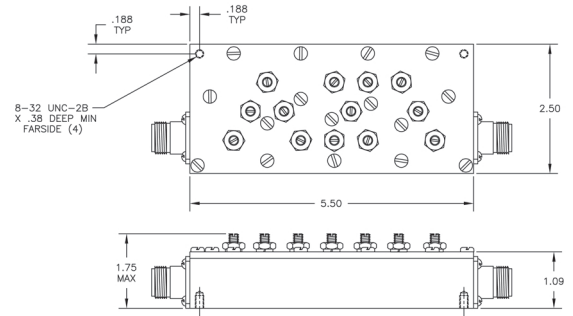
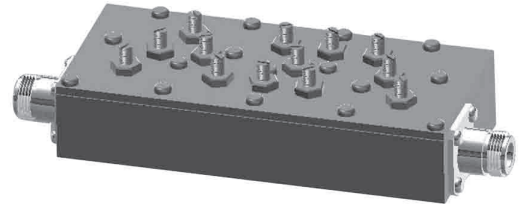
Model 18530

This filter provides excellent isolation from the receive band with minimal transmit signal loss.

The **18530** also rejects other undesired bands, including GSM 850, EGSM 900, GSM 1800 & WiMAX.

Specifications:

Passband Transmit:	2110-2170 MHz
Passband Insertion Loss:	0.8 dB Max
Passband Return Loss:	15 dB Min
Passband Flatness:	0.5 dB Max
Passband Delay Variation:	40 nS Max
Maximum Transmit Power Handling:	100 Watts - CW 2000 Watts - Peak (Instantaneous)
Rejection:	60 dB Min from DC-1920 MHz 85 dB Min from 1920-1980 MHz 60 dB Min from 1980-2040 MHz 15 dB Min from 2040-2100 MHz 15 dB Min from 2180-4220 MHz 50 dB Min from 4220-4340 MHz
Operating Temperature:	-20°C to +70°C
Storage Temperature:	-40°C to +85°C
Connectors:	N-female (Standard) 7/16 DIN (Optional)
Dimensions:	5.50" x 2.50" x 1.09" (140mm x 64mm x 28mm)



For outdoor weatherized version order as model 18530W

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