




Bandpass Filter UCABP20UHF

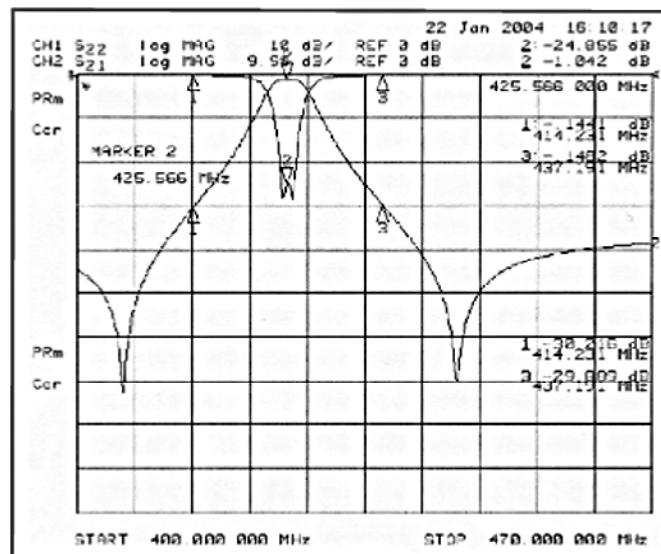
Bandpass Filter UCABP20 is a 2-pole bandpass filter for frequency range from 400 to 470 MHz, tuned to customer specified frequency.

The filter can be used with TX or RX as a single device antenna filter to avoid interference caused by adjacent radio transmitters.

SPECIFICATIONS:

Frequency range	400-470 MHz	
Impedance	50 ohm	
Insertion loss, max	1.2 dB	
Insertion loss, typical	1.0 dB	
BW (flat)	2.0 MHz	
BW (-3 dB)	5.5 MHz	
VSWR max	1.2:1	
Attenuation ± 10 MHz	20 dB min	
Max power	25 W	
Connectors	BNC, TNC female straight or angled according to customer specification.	
Dimensions	145x50x29 mm (without connectors)	
Weight	300 g	
Operating temperature range	-25 - +55 °C	

Typical response curves:






Bandpass Filter UCABP45UHF

Cross-coupled Bandpass Filter UCABP45 is a 2-pole bandpass filter for frequency range from 400 to 470 MHz, tuned to customer specified frequency and isolation requirements.

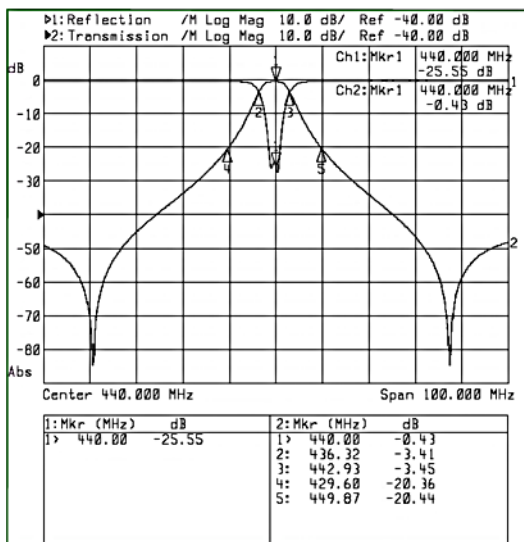
The filter can be used with TX or RX as a single device antenna filter to avoid interference caused by adjacent radio transmitters.

SPECIFICATIONS:	UCABP45-LL	UCABP45-NB
Frequency range	400-470 MHz	400-470 MHz
Impedance	50 ohm	50 ohm
Insertion loss, max	0,6 dB	1,2 dB
Insertion loss, typical	0,5 dB	1,0 dB
BW (-3 dB)	≤ 7 MHz	≤ 3,5 MHz
BW (-20 dB)	≤ 22 MHz	≤ 11 MHz
VSWR max	1.2:1	1.2:1
Max power	25 W	25 W

Connectors	TNC female	
Dimensions	148x92x51 mm (without connectors)	
Weight	430 g	
Operating temperature range	-25 - +55 °C	

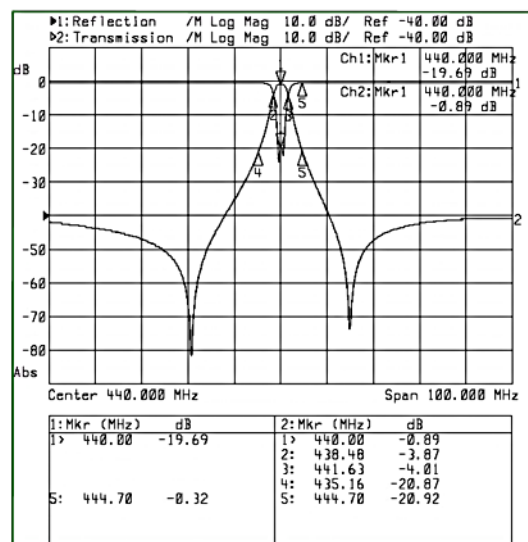
Typical response curves:

UCABP45-LL



Customized specifications are possible for ample quantities

UCABP45-NB



We reserve all rights to the changes without further notifications.




Bandpass Filter UCABP45VHF

Bandpass Filter UCABP45 is a 2-pole bandpass filter for frequency range from 140 MHz to 175 MHz, tuned to customer specified frequency.

The filter can be used with TX or RX as a single device antenna filter to avoid interference caused by adjacent radio transmitters.

SPECIFICATIONS:

Frequency range	140-175 MHz	
Impedance	50 ohm	
Insertion loss, max	1,0 dB	
BW (-30 dB)	≤ 8 MHz	
VSWR max	1.2:1	
Max power	25 W	
Connectors	TNC female	
Dimensions	93x176x50mm (without connectors)	
Weight	542 g	
Operating temperature range	-25 - +55 °C	

Typical response curves:

