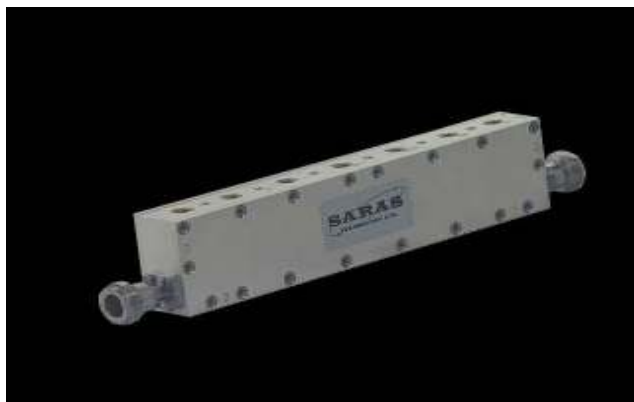




Key features

- Low Loss
- High Rejection
- Compact mechanical construction

Product:	2.5GHz Bandpass Filter
SARAS Type Code:	MCB032

Item	Specification	Units	Min	Typ	Max	Remark
1	Centre Frequency	GHz		2.5		Customer defined
2	Bandwidth	MHz		40		
3	Insertion Loss	dB		1.0	1.5	At Band Centre
4	Passband Return Loss	dB	12			Over operating band
5	Impedance	Ω		50		
6	Stopband Rejection	dB	60			at $f_o \pm 60\text{MHz}$
7	Dimensions	mm	157 x 36 x 20			Excluding connectors
8	Connectors		N-Type Male & Female			SMA option also available

For Price and Delivery information please contact the Sales Team at
SARAS Technology Ltd.

Tel: +44 (0) 113 230 8450 Fax: +44 (0) 113 279 6218

E-mail: sales@sarastech.co.uk Web: <http://www.sarastech.co.uk/>

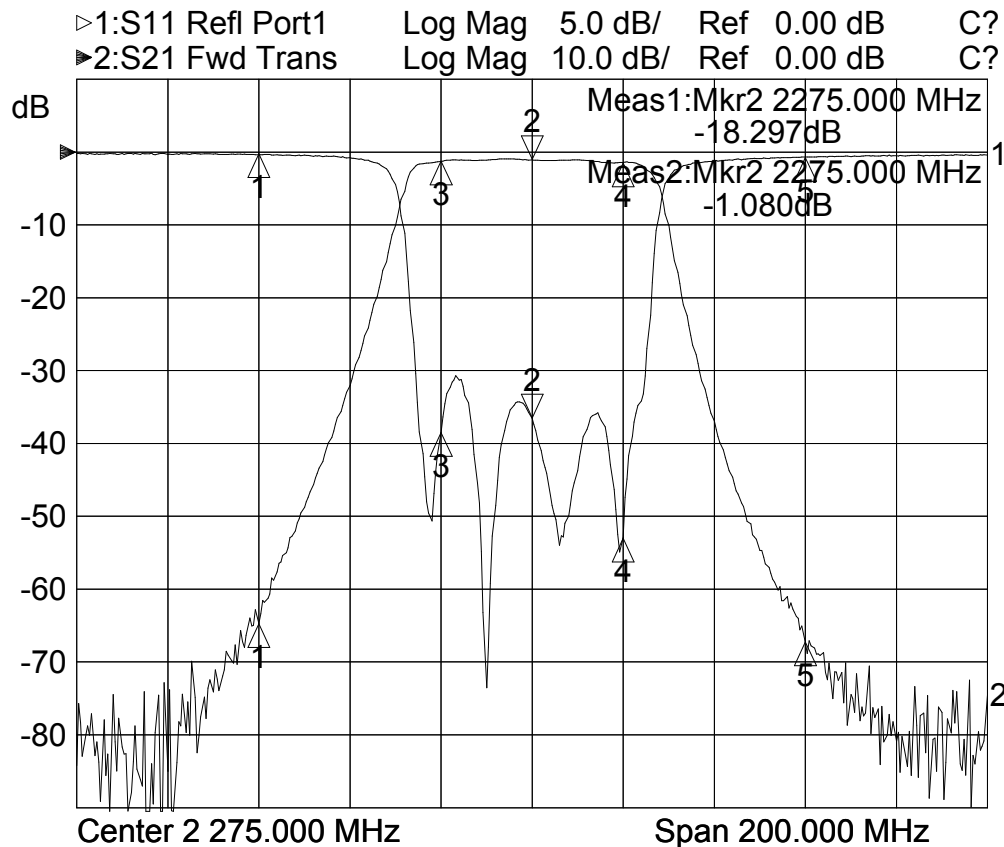
MCB032 Wireless Camera Filter

Measured plot of a 7-pole combine filter.

Center frequency, $F_0 = 2.275\text{GHz}$

Bandwidth = 40MHz

Rejection = 60dB min ($F_0 \pm 60\text{MHz}$)



1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1: 2215.0000	-0.169	1: 2215.0000	-64.707
2> 2275.0000	-18.297	2> 2275.0000	-1.080
3: 2255.0000	-19.280	3: 2255.0000	-1.276
4: 2295.0000	-26.451	4: 2295.0000	-1.394
5: 2335.0000	-0.340	5: 2335.0000	-67.291