



FE4001

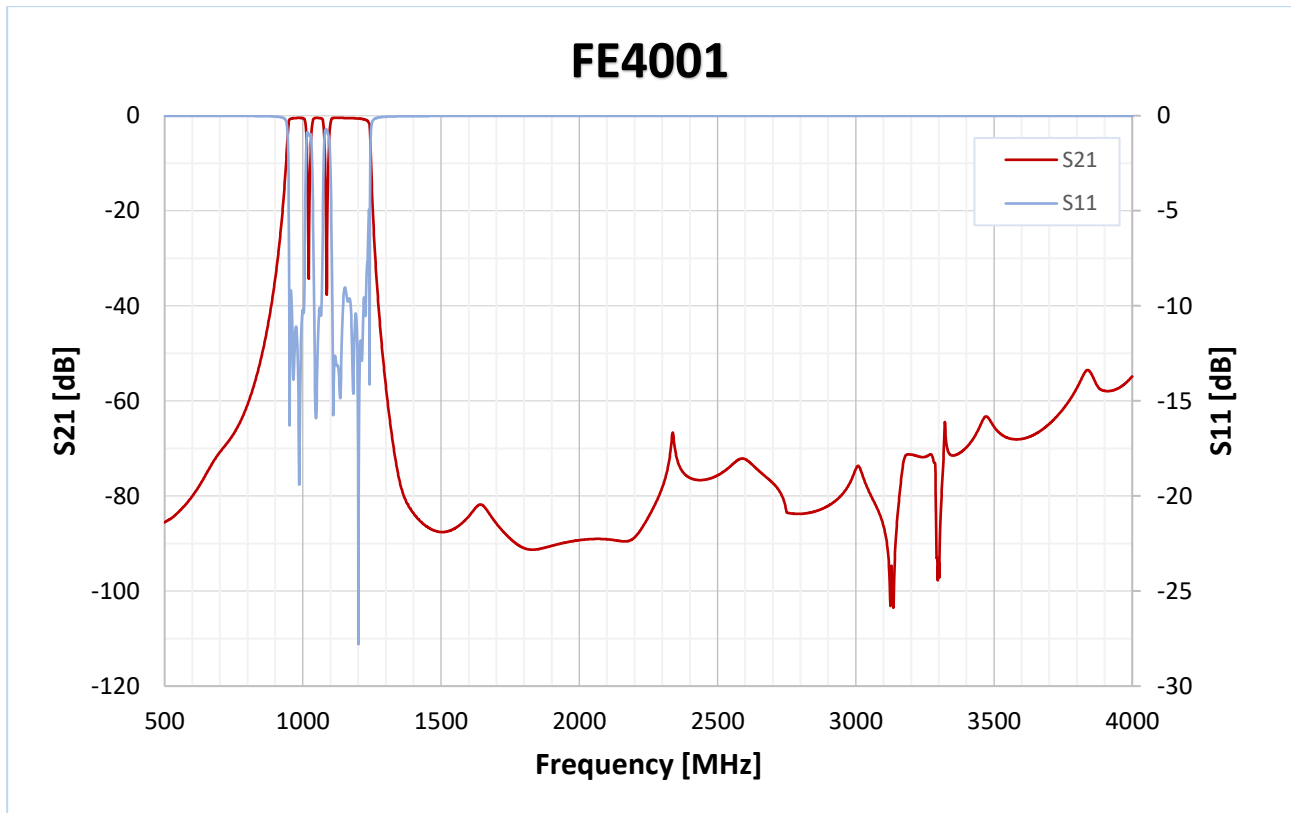
L-BAND TRIPLE BAND BANDPASS FILTER



DESCRIPTION



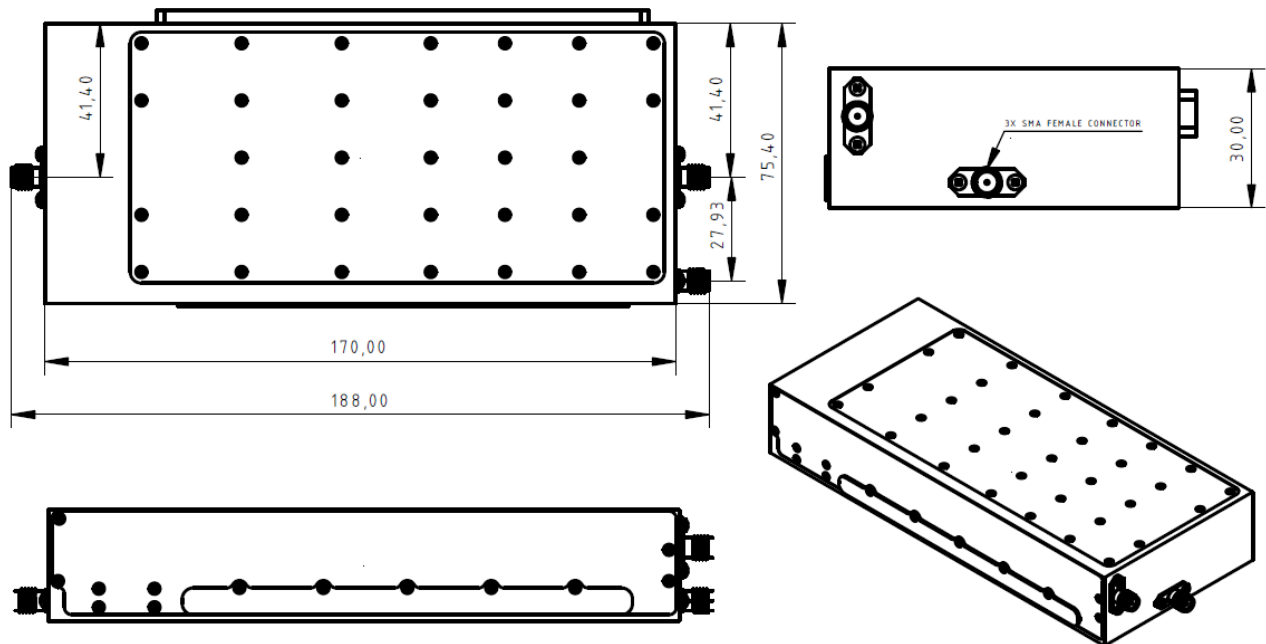
FE4001 is a multiband filter covering LINK16/TACAN band having excellent IFF band rejection. The unit boasts low passband insertion loss, sharp roll off and having suppression of 60 dBc minimum beyond 3rd harmonic band. FE4001 is equipped with two SMA(F) connectors. The unit can handle powers of up to 200W.



SPECIFICATIONS

Parameter	Limits		
	Passband 1	Passband 2	Passband 3
Bandwidth	960-1010 MHz	1050-1072 MHz	1110-1215 MHz
Insertion Loss	2.0 dB max.		
Return Loss BW	16 dB min.		
Peak Ripple	1.0 dB max.		
Attenuation	60 dB min. @ DC-900 MHz 60 dB min. @ 1030 MHz 60 dB min. @ 1090 MHz 60 dB min. @ 1300-1400 MHz		
Power Handling	20 Watt CW max.		
IN/OUT Impedance	50 Ohm		
Operational Temp. Rate	-45°C - +85°C		
Connector	SMA (Female) – All Ports		
Finish	Black Painting		
Mechanical Dimensions	170 mm x 80 mm x 32 mm		

MECHANICAL



Designed and Manufactured in TÜRKİYE

ASARTECH ARGE TASARIM MÜHENDİSLİK A.Ş.

Sanayi Mahallesi, Teknopark Bulvarı, Teknopark İstanbul 1/1A Blok Zemin Kat No:215-216-217, 34906 Pendik, İSTANBUL/TURKİYE
Phone: 0(216) 514 57 97 Fax:0 (216) 514 57 97

Üniversiteler Mahallesi, 1596. Cadde Hacettepe Teknokent 4. ARGE Binası 95A Kat:3 No:50, 06800 Beytepe Çankaya
ANKARA/TÜRKİYE Phone: 0(312) 227 00 37

www.asartech.com.tr
info@asartech.com.tr

IMPORTANT

- Specifications subject to change without further notice.
- Data given in this document provides its typical performance. Actual device performance is guaranteed by specifications called out by “customer-specific” part number and the associated acceptance test procedure.
- This product has been developed with the support the program of The Scientific and Technological Research Council of Turkey (TÜBTAK) (Project No: 3205062) but all the responsibility concerning the product/service belongs to ASARTECH ARGE TASARIM MÜHENDİSLİK A.Ş.¹

¹ Bu ürün TÜBİTAK-TEYDEB Destek Programından yararlanarak geliştirilmiştir. (Proje No: 3205062). Ancak ürün/hizmet ile ilgili tüm sorumluluk ASARTECH ARGE TASARIM MÜHENDİSLİK A.Ş.'ye aittir.