



FAPS-20A

High performance EMP/EMI protection for two pairs of analog signal lines

Protects against surges produced by EMP or other transients

Combination of effective overvoltage protection and low pass filtering up to microwave frequencies provides excellent IEMI protection

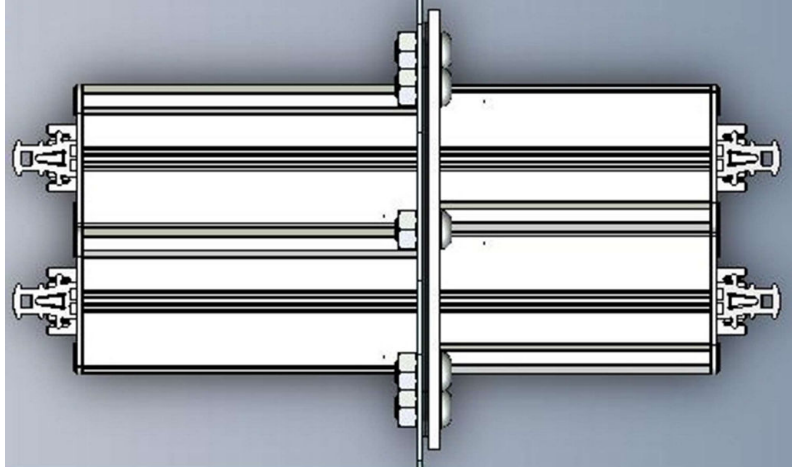
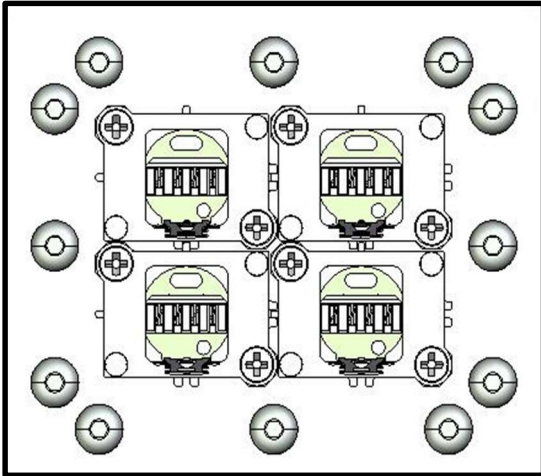
Feed-through type- metal plate for direct installation to wall of Faraday cage

Designed to meet or exceed Mil-Std-188-125 requirements

		Additional information
Manufacturer:	Fitelnet Oy	Made in Finland
Filter type:	FAPS-20A	EMP/HPM - filter Based on MIL188-125 standard
Application:	Analog connections	For telephone lines and similar
Number of lines:	4 (per filter module)	Available as filter matrix (n x 4 lines)
Passband:	DC – 100kHz	
Max. DC-current:	180 mA / line	Filter will limit overcurrent when exceeding 180mA
Max. DC-voltage:	30V / (Line to ground) 60V / (Between pairs)	
Max. Signal voltage:	18V (Line to ground)	
Stop band attenuation @50Ω:	>80 dB (typical)	High attenuation against HPM
PCI-test residual current:	<1A	Based on Mil-Std-188-125 / Short Pulse
Connector:	Krone LSA-PLUS	Different connector types available
Dimensions:	See dimensions drawing.	
Operating temperature range (ambient temperature):	-40°C...+60°C	
NSN:	5915580001650	Nato Stock Number

Mechanical structures (example structure of 4×4 wire filter matrix)

FAPS-20A is a rectangular four line filter that can be installed as filter matrix. Matrix structure is effective way to save space on installations and build a filter combination with specific amount of lines.



Fitelnet reserves the right to change this product specification at any time without notice.