



FAPS-100

High performance EMP/IEMI protection of 10/100 Mbit/s Ethernet lines (4 pairs)

Protects against surges produced by EMP or other transients

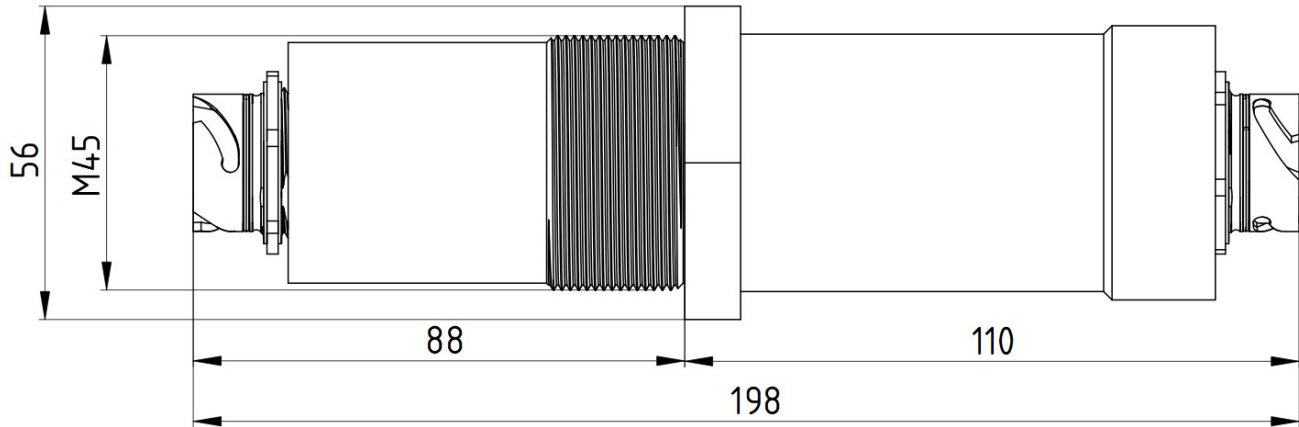
Combination of effective overvoltage protection and low pass filtering up to microwave frequencies provides excellent IEMI protection

Feed-through type- aluminum body 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-100	EMP/HPM - filter Based on MIL188-125 standard
Application:	10/100 Mbit/s Ethernet	
Number of lines:	8	
Max. DC-current:	360 mA / line	For higher currents modified versions also available.
PoE	Suitable for Power over Ethernet-applications in current limited systems.	
Max. Signal voltage:	2,8 V	Ethernet signal voltage
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:	RJ-45 (female)	Telegärtner, STX V1
Physical dimensions:	Cylinder shape. See dimensions drawing.	Filter thread M45 Nut wrench size 56mm
Weight:	700g	Material: aluminum
Operating temperature range (ambient temperature):	-40°C...+60°C	
NSN:	5915580001652	Nato Stock Number

Dimensions:



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