

50Ω

88 to 108 MHz

- HI-Q Coils
- 30W input power
- up to 100dB of attenuation from 88 to 108MHz
- Low attenuation up to 3GHz



DESCRIPTION AND FIELD OF USE / DESCRIZIONE E CAMPO DI UTILIZZO:

Professional notch filter operating on commercial broadcasting frequencies from 88 to 108MHz.

From 88 to 108MHz it allows attenuation up to 100dB while out of band it maintains a low insertion loss and an excellent return loss up to 3GHz and beyond.

Perfect for any civilian, military, industrial or amateur application.

You can use the transmission filter up to 30W.

Filtro notch professionale operante sulle frequenze commerciali broadcasting da 88 a 108MHz.

Da 88 a 108MHz permette l'attenuazione fino a 100dB mentre fuori banda mantiene una bassa perdita di inserzione e un ottimo return loss fino a 3GHz e oltre.

Perfetto per ogni applicazione civile, militare, industriale o amatoriale.

Puoi usare il filtro in trasmissione fino a 30W.

PRODUCT MATERIALS / MATERIALI PRODOTTO:

The container is in solid blue anodized anticorrosion aluminum with a thickness of 2mm.

Il contenitore è in solido alluminio anticorrosione anodizzato blu con 2mm di spessore.

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TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

Frequency range:	88 to 108MHz
Impedance:	50Ω
Max input signal	30W 1 to 76MHz 120MHz to 1GHz 10W 1 - 3GHz
Connectors:	SMA male SMA female
Weight:	70 grams
Dimension (L-W-H):	see dimension on page 4
Attenuation:	over 100dB from 88 to 108MHz
Installation tips:	internal use

INSERTION LOSS

TYPICAL PERFORMANCE DATA AT 25°C

Frequency (MHz)	Insertion Loss (dB)	S11 S22 dB
14	-0.08	-30
50	-0.32	-32
76	-3	-11
122	-3	-10
144	-0.8	-18
430	-0.27	-22
1300	-0.7	-15
1800	-0.8	-16
2400	-1.3	-25
2900	-1.5	-22
88	-60	--
98	-80	--
108	-80	--

POWER

INPUT POWER

Frequency	Service	POWER
DC to 76 MHz	HF	30W
120 to 1GHz	VHF	30W
1 to 3 GHz	SHF	10W

Some measures are subject to small variations
Alcune misure sono soggette a piccole variazioni

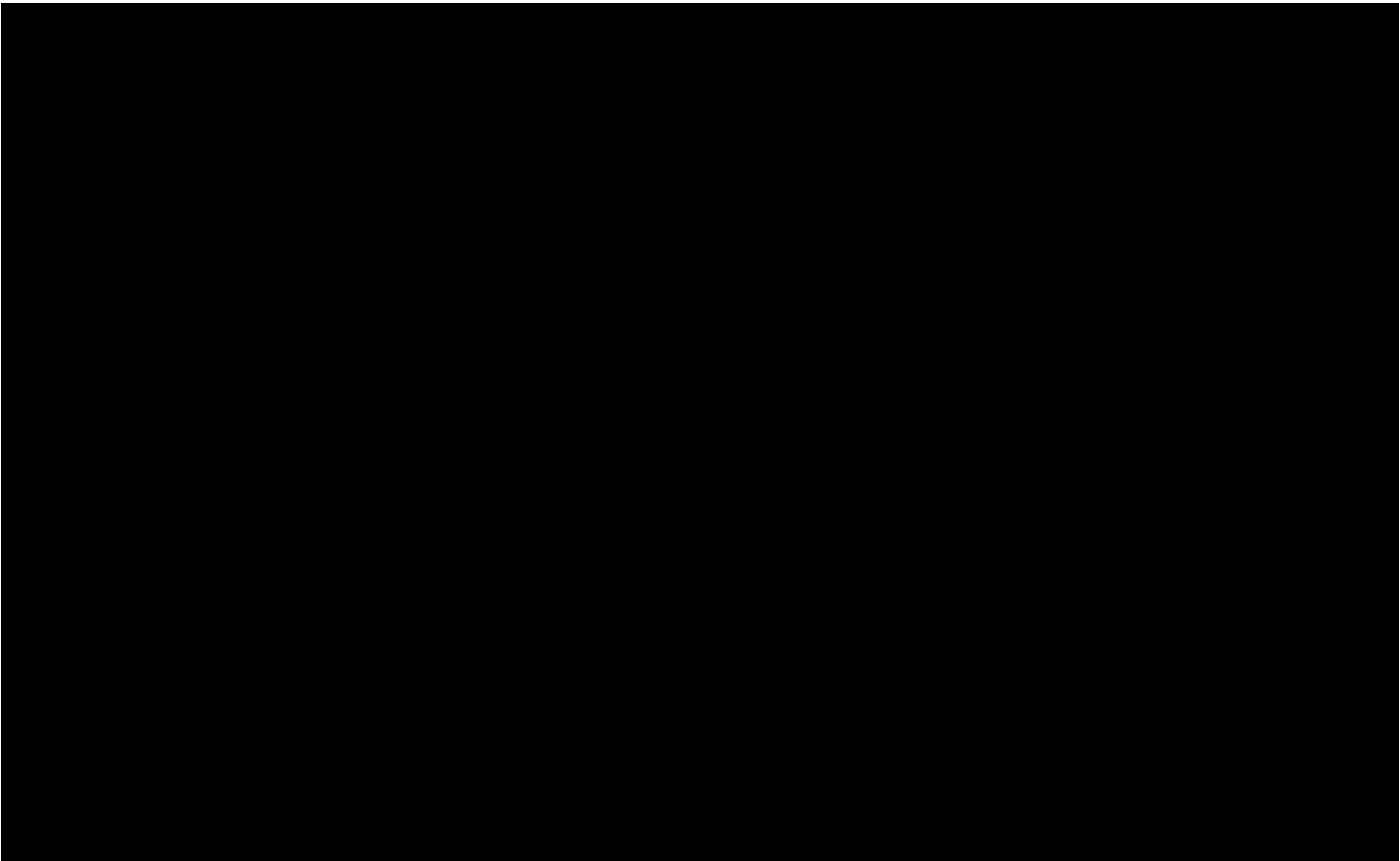
Internal

88 - 108MHz NOTCH FILTER

JG-BSF98RTX-S

50Ω

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88 - 108MHz NOTCH FILTER

JG-BSF98RTX-S

50Ω

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measure : mm

