



## High-pass filter type MTA-HPF-150

Item no. 11925

### Application

In the sector of EMC measurement high peaks often appear below 150 kHz. Connected test receivers are overloaded and that leads to inaccurate measurements. Typical disturbance sources are frequency converters and switching power supplies in the frequency range of 9 kHz to 150 kHz.

### Solution

A useful accessory for EMC measurements is the high pass filter, which has to get connected between the LISN and the measurement receiver input. The high-pass filter suppresses disturbing signals below 150 kHz and allows reproducible measurements in the frequency range of 150 kHz to 30 MHz.



### Technical data:

#### Electrical specifications:

Frequency range:	9 kHz to 250 MHz
Impedance:	50 $\Omega$
VSWR Input:	< 1 : 1,75
VSWR Output :	< 1 : 1,75
Input power:	100 mW
Insertion loss:	< 0,9 dB
Limit frequency:	150 kHz
Ripple:	< 0,5 dB
Technology:	Tschebyscheff, 5pole

#### Connectors:

Input:	BNC male
Output:	BNC female

#### Mechanical specifications:

Dimensions (WxHxD):	20 x 20 x 69 mm
Front side:	Alloy, silver plated
Rear side:	Alloy, silver plated
Weight:	35g

#### Environmental conditions:

Working temperature	+5 °C to +60 °C
Reference temperature for declared specifications:	+5 °C to +60 °C
Storage temperature:	-30 °C to +70 °C

#### Delivery package:

- High pass filter MTA-HPF-150
- Datasheet
- Correction values
- COC

#### Notes:

Warranty:	12 months
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#### Recommended accessory

- measurement cable assembl.