



LTE passive filter

FSP LTE series

art. 22-295 FSP LTE Z



"In line" filter that allows the passage of TV channels E02÷E60, mitigating frequencies above 790 MHz (Ch. E61÷E69), allocated to mobile services with the LTE standard, known as 4G.

Realized in shielded housing with screw F-type connectors.

Indoor product with white plastic case.

Selectivity of the filter is stable over the whole range of temperature.

The filter allows the remote power supply pass through.

Characteristics

- Shielded housing with F connectors
- Compliant to IEC 100-7 guidance on mitigating channel LTE

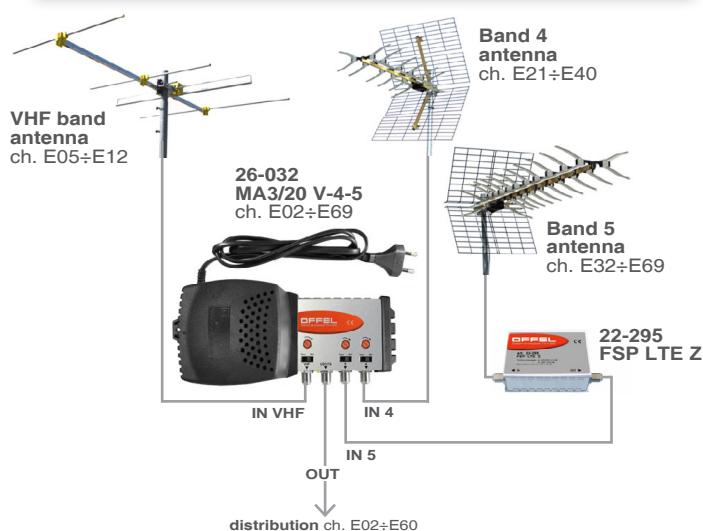
- Easy and fast installation
- Plastic case in white color
- Stable over the whole range of temperature

Code		22-295
Item		FSP LTE Z
Insertion loss ch. E02÷E59	dB	< 1/4
Insertion loss ch. E60	dB	< 4/10
Selectivity at 791 MHz	dB	15
Selectivity at 793 MHz	dB	30
Selectivity on LTE (Downlink) 793/821 MHz	dB	> 30
Selectivity on LTE (Uplink) 832/862 MHz	dB	> 30
Return loss VHF and UHF channels	dB	> 10
Maximum variation of the group delay of the channel E60	ns	< 90
Input F connettor		screw F-type
Output F connettor		screw F-type
Model for		indoor
Dimensions (LxWxH)	mm	103x32x67
Packaging dimensions (LxWxH)	mm	125x33x100
Packaging weight	Kg	0,15
Fit temperature	°C	-20 ÷ +70
Compliant to		EN 55083-2, EN 60065
Compliant to IEC 100-7 guidance on mitigating channel LTE		Yes

Detail of the LTE filter attenuation



Example of application in existing TV system



Technical data refer to a temperature of 25 °C

Rev. 1 08.2015

