



LTE passive filter

FSP LTE series

art. 22-263 FSP LTE/E 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.

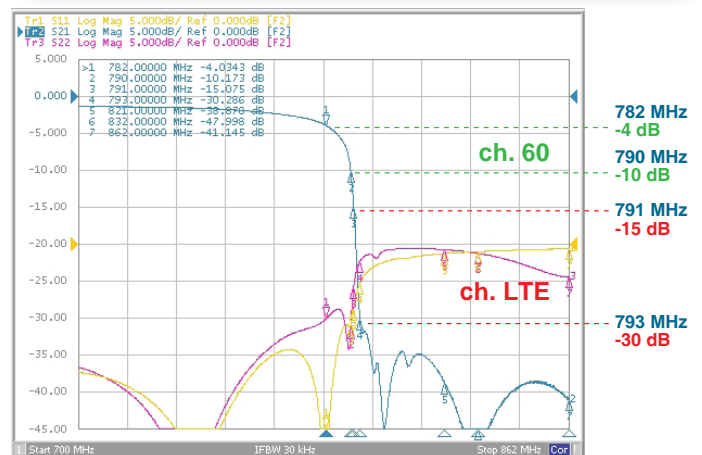
Realized in shielded housing with screw F-type connectors.
Outdoor product with plastic case.
Selectivity of the filter is stable over the whole range of temperature.
The filter allows the remote power supply pass through.

Characteristics

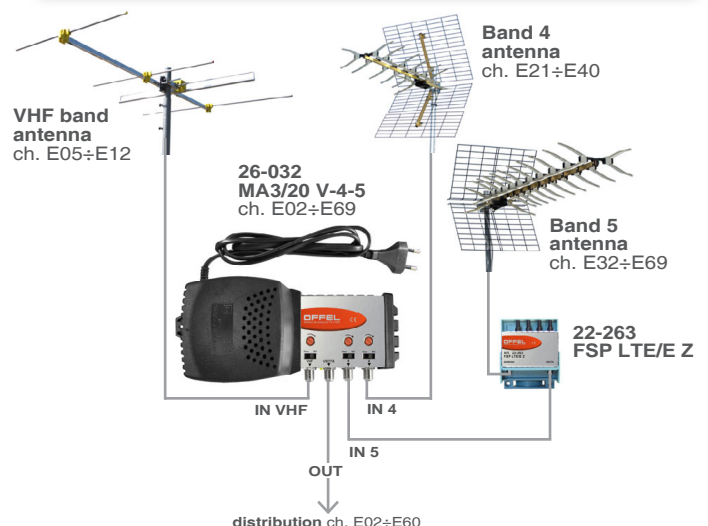
- Shielded housing with F connectors
- Compliant to IEC 100-7 guidance on mitigating channel LTE
- Easy and fast installation
- Plastic case for outdoor applications
- Stable over the whole range of temperature

Code	22-263	
Item	FSP LTE/E 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 connector	screw F-type	
Output F connector	screw F-type	
Model for	outdoor	
Dimensions (LxWxH)	mm	87x48x105
Packaging dimensions (LxWxH)	mm	110x60x120
Packaging weight	Kg	0,20
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

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