

Indoor LTE Filter

4G Killer LTE

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CEI 100-7


Indoor LTE filter specifically designed to filter out frequencies from 790 - 862MHz based on CEI 100-7 guidelines. Optimised to reduce LTE interferences across distribution systems with highly selective filtering:- 1MHz DVB-T bandwidth reduces the LTE signal by >15dB (791 MHz) or 30dB at 3MHz (793MHz).

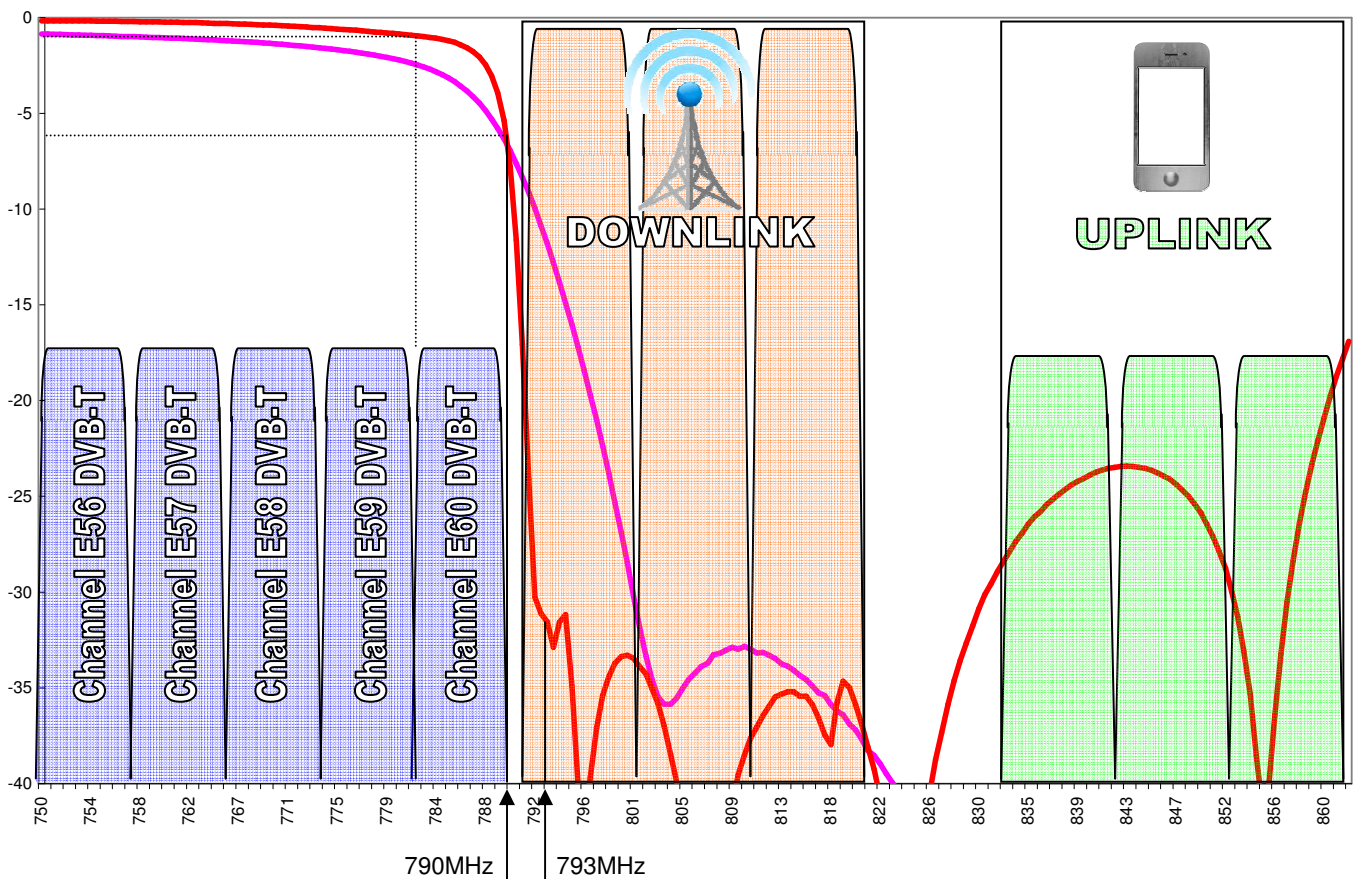
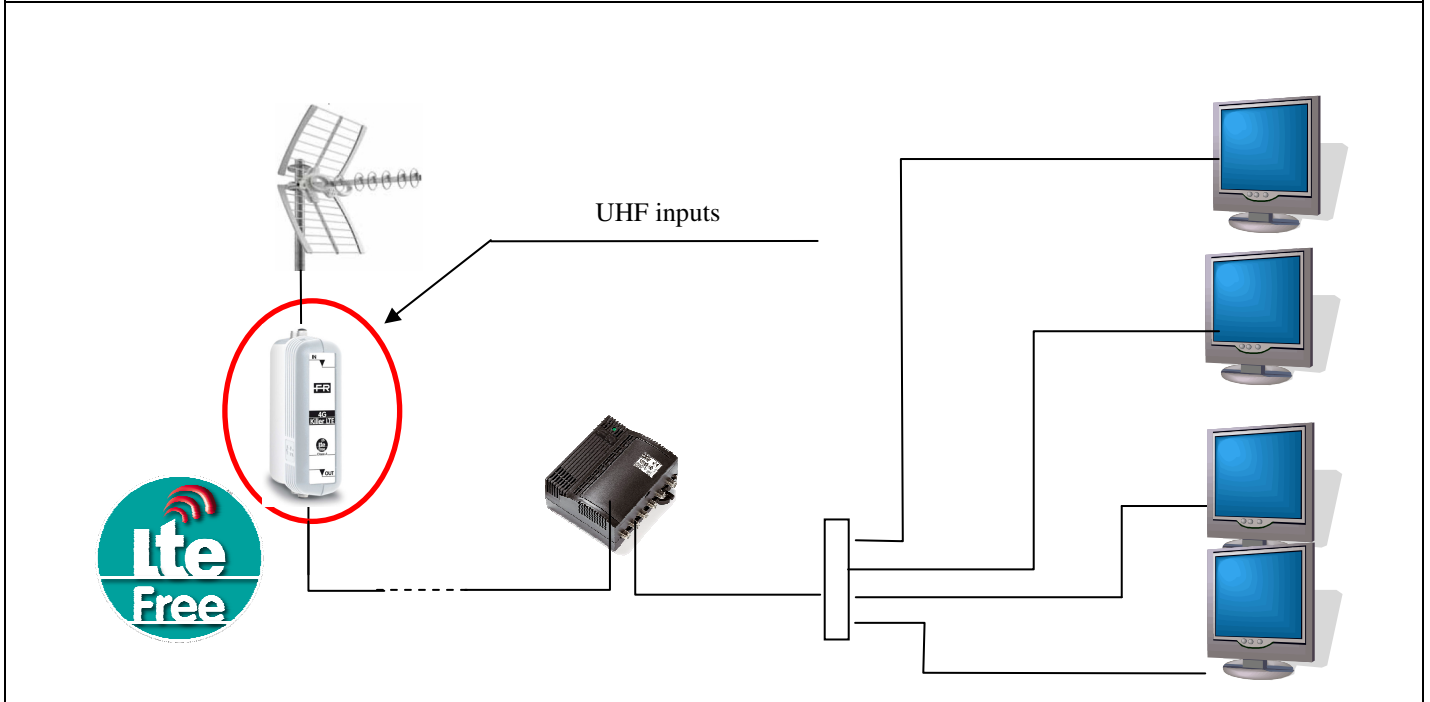
Main Specifications

- High LTE selectivity (30dB @ 793MHz)
- CEI 100-7 compliant
- Low insertion loss
- High return losses

4G KILLER LTE		
Fracarro code		226710
Inputs	No.	1
Outputs	No.	1
Impedance	Ω	75
Return loss	dB	<-10dB from 470 to 790MHz
Bandwidth	MHz	40 - 790 (VHF + UHF - LTE)
Insertion loss	dB	<1.5 from 470 to 778MHz \leq 2dB from 778 to 786MHz
Max. insertion loss on ch 60	dB	<6 (band E60 to 7.61MHz)
Filtered band	MHz	791 - 862
Selectivity	dB	>15dB at 791MHz >30dB from 793 to 821MHz >15dB from 832 to 862MHz
Group delay on ch 60	ns	<90 (band E60 to 7.61MHz)
Main Features		
Operating temperature	$^{\circ}\text{C}$	-10 to +55
Standards		EN 50083-2 CEI 100-7
Current pass through		200mA

Fracarro code	Description	Packaging	EAN Code	Qty	Dimensions	Net weight	Total weight
				Pcs	mm	Kg	Kg
226710	4G KILLER LTE	Single	8016978092864	1	32 x 129 x 86	0.38	0.45

Installation example



LEGEND

- 4G KILLER LTE —
- LTE FILTER —