

LTE in line Filter

LTE Filter 48



In line LTE filter to cut the frequencies between 680 MHz and 862MHz. The filter could be installed on outdoor and indoor distribution to upgrade the system avoiding the LTE signals. IP66 protection let the use of the filter just below the aerials and the SAW technology creates a high selectivity on LTE frequencies.

Main Features

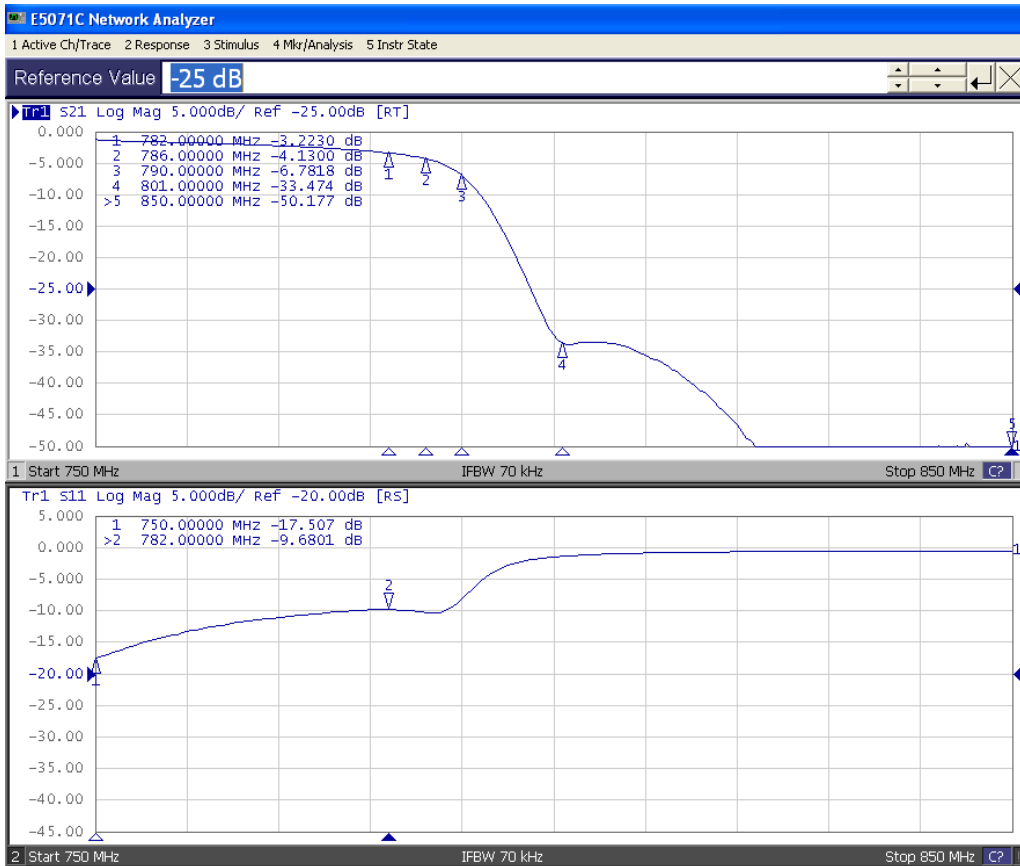
- High selectivity on LTE frequencies
- SAW technology filtering.
- High IP protection.
- Low insertion loss
- High return losses

			LTE FILTER
Fracarro Code			226715
Input	No.		1
Impedance	Ω		75
Band	MHz		VHF+UHF - LTE (680MHz)
Insertion loss	dB		2
Output	No.		1
Selectivity on LTE	dB		15-45 (Downlink) 45(uplink)
Main specification			
Working Temperature	$^{\circ}\text{C}$		-10 a +55
Standard Conformity			EN 50083-2
IP protection			IP66

Code	Description	Packing	EAN code	Quantity	Dimensions	Net weight	Gross weight
				pcs	mm	kg	Kg
226709	Lte filter	Singolo	8016978091300	1	70x20x20	0.15	0.187



Scattering parameter of the LTE filter



Detail on selectivity of the filter.

Installation example

