902 MULTIPLEXERS AND FILTERS

LTE C58, TETRA & GSM REJECT FILTER 60 DB



Code : **9020050**

Model : **FR-519**

Description

Rejection filter for mast, allowing the passage of channels 21 to 58 and cutting out interference from LTE800, GSM and TETRA mobile phone signals. It incorporates a DC path to allow power to be supplied to a preamplifier.

Applications

Suitable for individual and collective terrestrial TV installations affected by the transmission of LTE800 mobile phone signals in the 790-862 MHz band, and by the transmission of GSM and TETRA signals in the 870-960 MHz band. The filter eliminates interference signals before amplification of the TV signals in the head-end of the installation, obtaining a rejection in the LTE800 band of up to -60dB.

Characteristics

Shielded zamak chassis, covered by a weather-resistant plastic casing. Easy to open and close, the chassis can be tilted to facilitate manipulation. The filter can be installed either on a mast, by means of a polyamide clamp, or on a wall. Resistant to sun and water (IP53). F-type connector.

CODE		9020050	9020048
MODEL		FR-519	FR-619
Connection		F female	
Inputs		1	
Frequency range	Band	FM/DAB/TV	
	MHz	0 - 774	0 - 790
Insertion Loss	dB ±TOL	1 ±2	
LTE band rejection 791-862 MHz	dB	60	
GSM-TETRA band rejection 870-960 MHz	dB	60	
DC path	V⎓	+24	
	mA	300	
Operating temperature	°C	-10..+65	
Protection index		IP 53	
Units per packing		1	24
Packing weight	Kg	0,25	6,21
Packing dimenssions	mm	110x125x45	345x200x280