

902 MULTIPLEXERS AND FILTERS

LTE700 C48, REJECT FILTER 60 DB



Code : **9020052**

Model : **FR-900**

Description

Rejection filter for mast, cutting out interference from LTE700, 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 LTE700 and LTE800 mobile phone signals in the 703-862 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 LTE700 and 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.

CÓDIGO-CODE-CODE		9020052
MODELO-MODEL-MODELE		FR-900
Número de entradas/salidas Number of inputs/outputs Nombre d'entrées/sorties		1/1
Rango de frecuencia Frequency range Gamme de fréquences	MHz	0-694
Atenuación de inserción Insertion loss Atténuation d'insertion	dB ± TOL	1 ± 0,2
Rechazo banda LTE 703-862 MHz LTE band rejection 703-862 MHz Rejection bande LTE 703-862 MHz	dB	60
Rechazo banda GSM-TETRA 870-960 MHz GSM-TETRA band rejection 870-960 MHz Rejection bande GSM-TETRA 870-960 MHz	dB	60
Paso de corriente DC path Passage d'alimentation	V _{DC}	+24 (max)
	mA	300 (max)
Temperatura de funcionamiento Operating temperature Température de fonctionnement	°C	-10..+65
Índice de protección Protection index Indice de protection		IP 53

Data published in compliance with the definitions and measurement methods of the following standards: EN 50083-3, EN 50083-4 and EN 50083-5