

Microwavefilters® &

Microwave components for telecommunication systems

WR75 Bandpass Filter



$IL \leq 0.4$ dB in Passband
For Outdoor Use

Microwavefilters & TVC srl

Via G. Cavalcanti, 10 - 20063 Cernusco s/N (MI) - ITALY
Tel. +39-02-92162703 Fax. +39-02-92162705

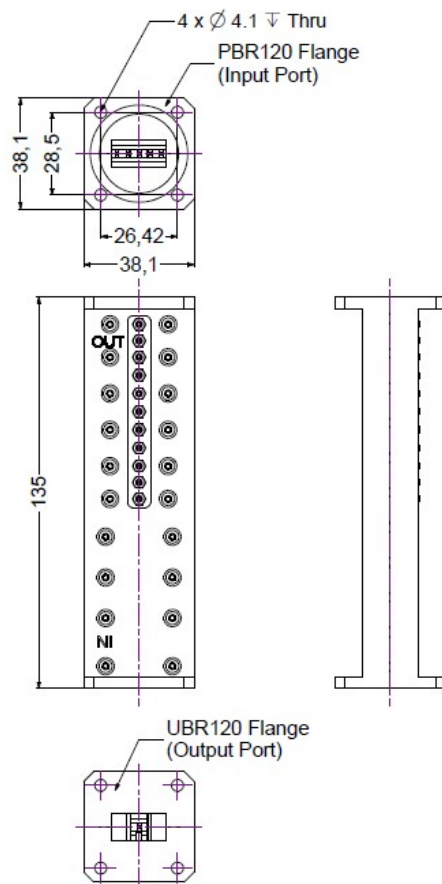
info@mw-tvc.com www.mw-tvc.com

MW&TVC presents a new WR75 waveguide filter for outdoor use, which is composed of a BPF and a LPF to guarantee a rejection > 50 dB up to 40 GHz (3rd Harmonic). IL ≤ 0.4 dB in the passband (13.402 ÷ 14.062 GHz).

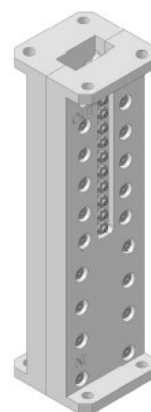
Main Characteristics

Part Number	RW-F13732-FFT
Passband	13.402 ÷ 14.062 GHz
Return Loss	≥ 16 dB
Insertion Loss	≤ 0.4 dB
Rejection from 15.225 GHz to 40.0 GHz	≥ 50 dB
Input Port	UBR120 Flange
Output Port	PBR120 Flange
Finishing	Black Epoxy Painting
Dimensions	38.1 x 38.1 x 135 mm

Mechanical Outline



For Outdoor Use



INTERNAL FINISHING: SILVERPLATING 3 - 5 µ (with Brightening on Flanges)
EXTERNAL FINISHING: ONE Primer Coat for COPPER ALLOY
+ Two Coats of Finishing RAL9005 BLACK ENAMEL

Typical Frequency Responses

