

Actipass Co., Ltd.

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FILTERS (Model # : AWF SERIES)



Description

- OPERATING TEMPERATURE : -20°C ~ +70°C
- SHIFT OF FILTER CHARACTERISTIC
- BRASS : -20KHz / °C / GHz
- INVAR : -3KHz / °C / GHz

ACTIPASS waveguide Bandpass Filter designs are available in the frequency range of 2GHz to 40GHz. The filters have low insertion loss, VSWR and narrower bandwidth more over

steep skirt selectivity. Each filter is custom-designed to your exact specification so that you will get the optimum performance at low cost. Materials (Aluminum, Copper or invar) and finishes are designed for customer's specifications. UG, CPR, CMR, PDR and other flanges are available upon request.

Application

Radar and ECM or ECCM

Satellite and broadcasting

Specifications

Model No.	Center Frequency	Bandwidth	Insertion Loss	VSWR	Rejection	Dimension (W*L*H) [mm(inch)]
AWF-137MMB	6.6 GHz	30MHz	1.0dBmax.	1.25:1max.	45dB (@6.61GHz)	228X58X38 (8.98X2.28X1.5)
AWF-280BBS	30.485 GHz	800 MHz	1.0dBmax.	1.25:1max.	40dB (@32GHz)	60X19X19 (2.36X0.75X0.75)
AWF-32000/4000	32 GHz	4000 MHz	1.0dBmax.	1.2:1max.	40dB (@36GHz)	
AWF-35000/400	35 GHz	400 MHz	3dBmax.	1.3:1max.	20dB (@35.5GHz)	
AWF-14250/500	14.25 GHz	500 MHz	0.5dBmax.	1.2:1max.	70dB (@12.6GHz)	
AWF-12400/200	12.4 GHz	200 MHz	1.0dBmax.	1.2:1max.	40dB (@12.7GHz)	
AWF-7500/500	7.5 GHz	500 MHz	0.5dBmax.	1.2:1max.	40dB (@8GHz)	
AWF-9460/100	9.46 GHz	100 MHz	1. dB0max.	1.3:1max.	30dB (@9.56GHz)	

* The specification can be modified upon buyer's requests.

* All specifications are subject to change without notice.

* The latest specifications are available at www.actipass.com