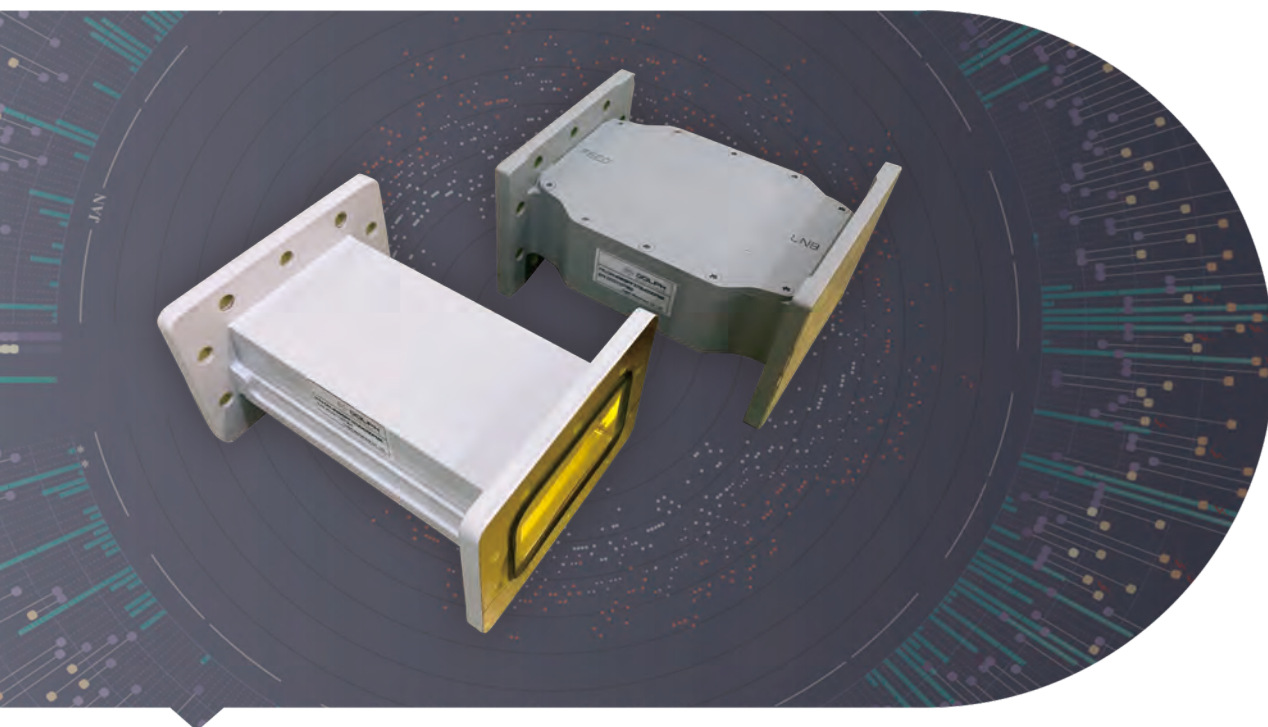


WAVEGUIDE FILTER



→ Features

Frequency bands: C, X, Ku, Ka bands or others

VSWR: 1.2:1

Material: Al, Cu

→ Description

Dolph Microwave Feedhorn covers C, X, Ku and Ka bands. It is precision machined from aluminum or copper and offer very high performance. Both standard and customized can be chosen upon request.

Model	Waveguide Size	Pass Freq. (Ghz)	Reject Freq. (Ghz)	VSWR Max.	IL (dB)
DH-40WBPF3.4T3.425PMA.....	WR229	3.4-3.425		1.42	2
DH-40WTRF3.4T4.2PMA.....	WR229	3.4-4.2	5.725-6.725	1.5	0.4
DH-40WBPF3.4T4.2PMA.....	WR229	3.4-4.2		1.4	0.5
DH-40WBPF3.4T4.2PMA.....	WR229	3.4-4.2		1.4	0.45
DH-40WBPF3.4T4.2PMA.....	WR229	3.4-4.2		1.4	0.45
DH-40WBPF3.6T4.2PMA.....	WR229	3.6-4.2		1.4	0.5
DH-220WLPF22.7T22.9PMA...	WR42	22.7-22.9		1.2	0.35
DH-260WLPF26T28.35PMA...	WR34	26.0-28.35		1.15	0.25
DH-320WBP33.0T37.0PMA...	WR28	33.0-37.0		1.42	0.9
DH-500WBPF42.6T44.6PMC...	WR19	42.6-44.6		2	1
DH-740WBPF72T74PMC...	WR12	72.0-74.0		2	1

Rejection (dB)	Filter Type	Length (mm)
50@3.4395 50@3.3855	Bandpass	200
70@5.72, 6.72	Transmit Reject	165
24@3.35 24@4.25 75@3.25 75@4.35-14.0	Bandpass	210
60@3.35 50@4.25	Bandpass	120
61@3.6 60@3.6-3.7 55@4.45-4.8	Bandpass	120
25@3.57, 4.25 60@3.525, 4.3 70@3.45, 4.35	Bandpass	200
40@18.0-21.2 30@45.4-45.8 30@68.1-68.7	Lowpass	50
45@30-31 30@45.4-45.8 30@68.1-68.7	Lowpass	50
60@32.5 60@37.5 66@50.0	Bandpass	80
20@41-46 40@40.5-46.5	Bandpass	60
40@76.5	Bandpass	60

Flange Type	Inside Finish	Body Finish	Material
Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al/Cu
Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al/Cu
Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al/Cu
Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al/Cu

Ordering Information

DH - 120 WBPF 10.8T11.5 P M A

DH	Dolph Microwave
120	WR75
WBPF	Bandpass
WLPF	Lowpass
WHPF	Highpass
WTRF	Transmit Reject
WRRF	Receive Reject
10.8T11.5	Pass Band Freq. Range 10.8-11.5 GHz
P	Flange Cover
M	Flange Grooved
A	Material Al