

MICROWAVE FEEDHORN



→ Features

Frequency bands: C, X, Ku, Ka bands or others
 Polarization: Linear/Circular, Dual or Co-polarization
 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	Freq. Band	Freq Range (Ghz)	VSWR	f/D	Tapper (dB)
DH-Feedhorn-S...	S-band	2.025-2.12 / 2.2-2.4	1.3	0.33-0.45	5
DH-Feedhorn-C...	C-band	3.4-4.2	1.3	0.33-0.45	5
DH-Feedhorn-C...	C-band	3.7-4.2	1.3	0.32-0.425	5
DH-Feedhorn-C...	C-band	3.4-6.725	1.2	0.575	8
DH-Feedhorn-Ku...	Ku-band	10.7-12.75	1.2	0.33-0.45	8
DH-Feedhorn-Ku...	Ku-band	10.7-12.75	1.2	0.64	8
DH-Feedhorn-C&Ku...	C&Ku-band	3.4-4.2 / 10.7-12.75	1.35	0.35	11-12
DH-Feedhorn-C&Ku...	C&Ku-band	3.625-4.2 / 10.7-12.75	1.4	0.35	11-12
DH-Feedhorn-Ka...	Ka-band	17.7-21.2 / 27.5-31.0	1.35	0.35	11-12

1/2 illumination angle (degree)	Cross Pol. (dB)	Horn Diameter (mm)	Interface	Material	Antenna Type
60	25	210	TBD	Al	Offset Antenna
60	25	200	TBD	Al	Prime Focus
60	25	200	TBD	Al	Prime Focus
25	25	185	Φ19 mm	Al	Offset Antenna
25	25	185	WR75/C120	Al	Prime Focus
27.5	25	95	WR75/C120	Al	Offset Antenna
30	30	364	TBD	Al	Cassegrain
25	30	333	TBD	Al	Cassegrain
30	30	50	TBD	Al	Cassegrain

Ordering Information

DH - Feedhorn Ku Rx LP f/D=0.64 P A

DH	Dolph Microwave
Feedhorn	Horn Antenna
Ku	Standard Ku-band
Rx	Receiving Freq. Range 10.7-12.75 GHz
LP	Pol. Type Linear H/V
f/D=0.64	f/D =0.64
P	Flange Cover
M	Flange Grooved
A	Material Al