

Elliptical Waveguide and Rectangular Waveguide Adapter

Dolph Microwave offers a wide selection of Elliptical Waveguide for feeder of most microwave antenna systems in 3 to 20 GHz frequency range. All elliptical waveguide is jacketed unless otherwise specified. Customized length, splice and other accessories are available upon request.



- ***Specifications***

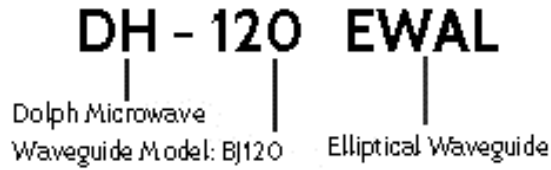
Elliptical Waveguide Product Range									
Model No*	Freq Range (GHz)	VSW R (Max (dB/100 m)	Attenuation	Peak Power (kW)	Bend Radius(E-plane) (mm)	Bend Radius(H-plane) (mm)	External Diameter (mm)	Material	Weigh (kg/m)
DH-24EWAL	2.2-3.1	1.2	3	550	800	2000		Corrugated Copper	2.6
DH-26EWAL	2.5-2.7	1.25	3	460	600	1500	108.4*61.3	Corrugated Copper	2.5

DH-38EWAL	3.4-4.2	1.15	3.6@3.4GHz 2.6@4.2GHz	310	340	840	82.6*47.4	Corrugated Copper	1.7
DH-48EWAL	4.4-5.0	1.15	4.7@4.4GHz 3.8@5.0GHz	190	300	750	72.0*42.0	Corrugated Copper	1.4
DH-54EWAL	5.0-6.0	1.15	5.3@5.0GHz 4.3@6.0GHz	150	240	580	58.5*38.0	Corrugated Copper	1
DH-62EWAL	5.85-7.125	1.15	5.2@5.85GHz 4.5@7.125GHz	102	220	550	52.0*30.0	Corrugated Copper	0.85
DH-80EWAL	7.1-8.3	1.15	6.3@7.1GHz 5.6@8.2GHz	60	200	520	44.8*27.6	Corrugated Copper	0.72
DH-85EWAL	8.2-8.8	1.15	6.5@8.2GHz 6.1@8.5GHz	55	200	520	40.5*25.0	Corrugated Copper	0.71
DH-90EWAL	8.6-10	1.15	11.2@8.6GHz 9.5@10.0GHz	40	160	350	34.0*24.0	Corrugated Copper	0.6
DH-120EWAL	10.95-12.75	1.2	10	35	150	300	29.0*15.0	Corrugated Copper	0.4
DH-148EWAL	14.0-15.35	1.2	16.5@14.0GHz 15.5@15.35GHz	20	150	300	25.3*16.0	Corrugated Copper	0.34

DH-188EWAL	17.7-19.7	1.25	20.5@17.7G Hz 19.0@19.7G Hz	7	150	300	23.6*16.1	Corrugated Copper	0.22
------------	-----------	------	--------------------------------------	---	-----	-----	-----------	----------------------	------

*Indicates Model Number. See Ordering Information for complete part number.

● **Ordering Information**



▪ Flange type: Multiple types available - see Dolph Microwave Flanges page.