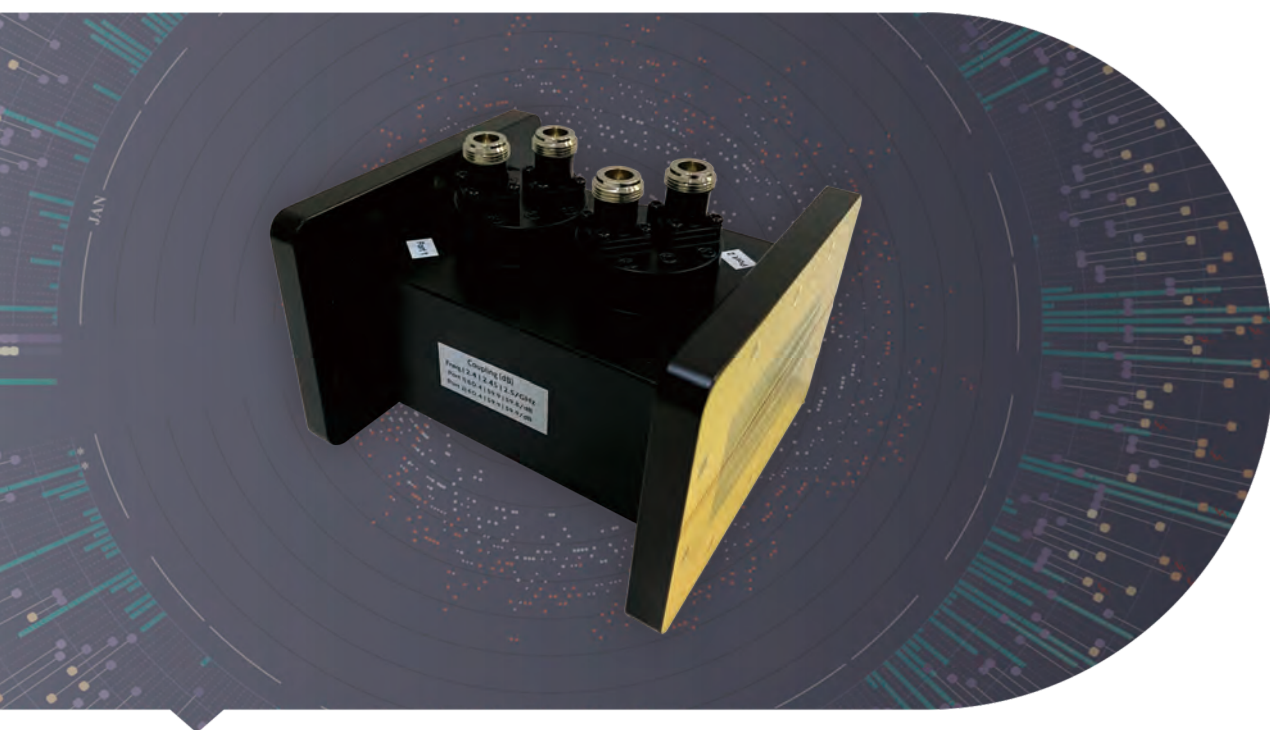


WAVEGUIDE LOOP COUPLER



→ Features

Waveguide size: WR2300 to WR10

Coupling: up to 60dB

Directivity: 20-25dB

Flange: Cover, Grooved and Choke

Material: Al or Cu

→ Description

Dolph Microwave waveguide loop couplers is compact structure, high coupling and high power handling. Multiple flange and coaxial connector types are available. Both standard and customized can be chosen upon request.

Model	WR Type	Frequency (Ghz)	Operating Bandwidth	VSWR Max.	Coupling (dB)	Directivity (dB)	Accuracy (dB)	Freq. Sensitivity (dB)
DH-14WHC...	WR650	1.13-1.73	10-20%	1.1	30-70	20-25	±0.7	±1
DH-18WHC...	WR510	1.45-2.20	10-20%	1.1	30-70	20-25	±0.7	±1
DH-22WHC...	WR430	1.72-2.61	10-20%	1.1	30-70	20-25	±0.7	±1
DH-26WHC...	WR340	2.17-3.30	10-20%	1.1	30-70	20-25	±0.7	±1
DH-32WHC...	WR284	2.60-3.95	10-20%	1.1	30-70	20-25	±0.7	±1
DH-40WHC...	WR229	3.22-4.90	10-20%	1.1	30-70	20-25	±0.7	±1
DH-48WHC...	WR187	3.94-5.99	10-20%	1.1	30-70	20-25	±0.7	±1
DH-58WHC...	WR159	4.64-7.05	10-20%	1.1	30-70	20-25	±0.7	±1
DH-70WHC...	WR137	5.38-8.17	10-20%	1.1	30-70	20-25	±0.7	±1
DH-84WHC...	WR112	6.57-9.99	10-20%	1.1	30-70	20-25	±0.7	±1
DH-100WHC...	WR90	8.20-12.40	10-20%	1.1	30-70	20-25	±0.7	±1
DH-120WHC...	WR75	9.84-15.0	10-20%	1.1	30-70	20-25	±0.7	±1
DH-140WHC...	WR62	11.9-18.0	10-20%	1.1	30-70	20-25	±0.7	±1
DH-180WHC...	WR51	14.5-22.0	10-20%	1.1	30-70	20-25	±0.7	±1
DH-220WHC...	WR42	17.6-26.7	10-20%	1.1	30-70	20-25	±0.7	±1
DH-260WHC...	WR34	21.7-33.0	10-20%	1.1	30-70	20-25	±0.7	±1
DH-320WHC...	WR28	26.3-40.0	10-20%	1.1	30-70	20-25	±0.7	±1

Coax. Interface	Coupling Directional	Flange Type	Inside Finish	Body Finish	Material
N/SMA/TNC	Single/Dual	Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al/Brass
N/SMA/TNC	Single/Dual	Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al/Brass
N/SMA/TNC	Single/Dual	Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al/Brass
N/SMA	Single/Dual	Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al/Brass

Ordering Information

DH - 120 WHC 50 N K P A

DH	Dolph Microwave
120	WR75
WHC	Single Loop Couplers
WDHC	Dual Loop Couplers
50	Coupling 50 dB
N	Connector Type
K	Female
P	Flange Cover
M	Flange Grooved
A	Material Al