

2~18GHz Broadband Spiral Antenna

Models:

OBS-20180 (Φ61.5)

OBS-20180SA (Φ55)

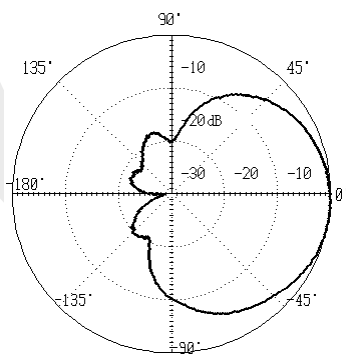
OBS-20180SB (Φ40)



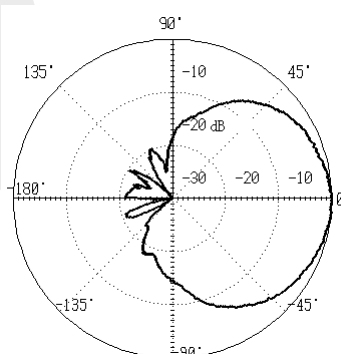
Technical Specification

Model	OBS-20180	OBS-20180SA	OBS-20180SB
Polarization	RHCP	RHCP	RHCP
Frequency (GHz)	2-18	2-18	2-18
Gain (dBi)	-4 @ 2GHz	-6 @ 2GHz	-9 @ 2GHz
	1.6 @ 8GHz	1.6 @ 8GHz	1.6 @ 8GHz
	1.8 @ 18GHz	1.8 @ 18GHz	1.8 @ 18GHz
Beamwidth (°)	110~55	135~65	125~55
Axial Ratio (dB) Max.	4	6	8
VSWR	3:1	3:1	3:1
Connector	SMA Female	SMA Female	SMA Female
Size (mm)	Φ61.5 x 50	Φ55 x 50	Φ40 x 50

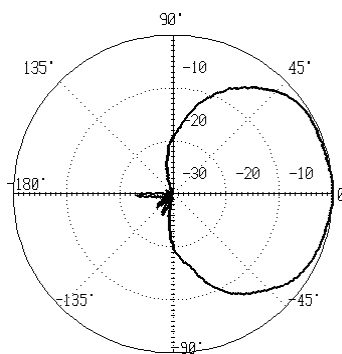
Pattern



Frequency = 2GHz

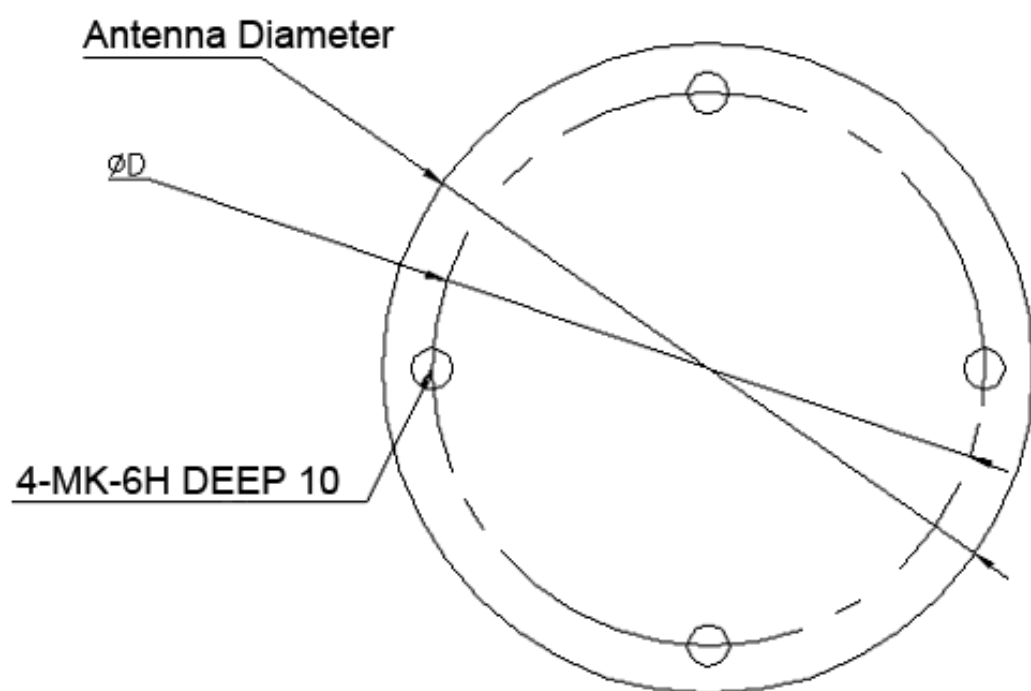


Frequency = 10GHz



Frequency = 18GHz

Mounting



Model	D	K
OBS-20180	40	4
OBS-20180SA	40	4
OBS-20180SB	34	3