



M2 Antenna Systems, Inc. SINGLE, DUAL & MULTI-BAND DISH FEEDS



**Model FGFD-2-SC-XC-1
S & X Band Feed**

SINGLE BAND			
BAND	RX	TX	POLARIZATION OPTIONS
L	1.2-1.9 GHz		Dual Circular (Optional Linear)
S	2.0-3.0 GHz		Dual Circular (Optional Linear)
C	3.4-4.2 GHz	5.75-6.5 GHz	Dual Linear (Optional Circular)
X	7.1-7.7 GHz	7.9-8.5 GHz	Dual Circular (Optional Linear)
Ku	10.9-13.1 GHz	13.75-14.5 GHz	Dual Linear (Optional Circular)
Ka	17.9-21.9 GHz		Dual Circular (Optional Linear)

DUAL BAND			
BAND	RX	TX	POLARIZATION OPTIONS
L	1.2-1.9 GHz		Dual Circular (Optional Linear)
C	3.4-4.2 GHz	5.75-6.5 GHz	Dual Linear (Optional Circular)
S	2.0-3.0 GHz		Dual Circular (Optional Linear)
X	7.1-7.7 GHz	7.9-8.5 GHz	Dual Circular (Optional Linear)
C	3.4-4.2 GHz	5.75-6.5 GHz	Dual Linear (Optional Circular)
Ku	10.9-13.1 GHz	13.75-14.5 GHz	Dual Linear (Optional Circular)
X	7.1-7.7 GHz	7.9-8.5 GHz	Dual Circular (Optional Linear)
Ka	17.9-21.9 GHz		Dual Circular (Optional Linear)

***Custom Multi-Band Feed designs available. All Inquiries welcome ***

Using proprietary Frequency Selective Surface (FFS) designs, M2 Antenna Systems, Inc. can fit Multiple Feeds on beam, increasing the capabilities of new or legacy reflectors

MULTI-BAND REFLECTOR / FEED CAPABILITIES				
BAND	RX	TX	POLARIZATION OPTIONS	FEED CONFIGURATION
L	1.2-1.9 GHz		Dual Circular (Optional Linear)	Cassegrain
S	2.0-2.5 GHz		Dual Circular (Optional Linear)	Cassegrain
C	3.4-4.2 GHz	5.75-6.5 GHz	Dual Linear (Optional Circular)	Prime Focus
Ku	10.9-13.1 GHz	13.75-14.5 GHz	Dual Linear (Optional Circular)	Prime Focus
*FSS Cutoff Frequency: 2.9 GHz				

BAND	RX	TX	POLARIZATION OPTIONS	FEED CONFIGURATION
L	1.2-1.9 GHz		Dual Circular (Optional Linear)	Cassegrain
C	3.4-4.2 GHz	5.75-6.5 GHz	Dual Linear (Optional Circular)	Cassegrain
Ku	10.9-13.1 GHz	13.75-14.5 GHz	Dual Linear (Optional Circular)	Prime Focus
Ka	17.9-21.9 GHz		Dual Circular (Optional Linear)	Prime Focus
*FSS Cutoff Frequency: 8.1 GHz				

If your project is pressed for time, the M2 Engineering staff is ready to assist in sourcing, selection and design of the RF front end electronics, LNA's, LNB's, BUC's, Amplifiers, RF Cabling and referencing. Give us a call with your requirements today....we can help.

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