

Reflector Antennas and Feeds 0.6m (2 foot)

Designation	Frequency	System Gain	Beamwidth
Reflector R1 (0.6m (2 foot) diameter)			
R1Feed225	1.98-2.50GHz	21dBi	15 degrees
R1Feed250	2.30-2.70GHz	22dBi	14 degrees
R1Feed350	3.30-3.70GHz	25dBi	10 degrees
R1Feed470	4.40-5.00GHz	27dBi	7.5 degrees
R1Feed675	6.40-7.20GHz	29dBi	5 degrees
R1Feed1300	12.75-13.25GHz	34dBi	3.5 degrees

Feedhorn polarization linear or circular, and dual-polarized versions are available



ReflectorR1 with 6GHz band feed R1Feed675 in use tracking a helicopter transmission (above).



Front view of ReflectorR1 with dual-polar 7GHz feed (above).

Rear view of ReflectorR1 with dual-polar feed (right).



**PEAK
ANTENNAS**

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Peak Antennas' spun aluminum, parabolic, 0.6 m (2 foot) diameter reflector and feed systems are ideal for portable ENG applications. The reflector has a solid aluminum central hub with helicoil inserts, to accept the (removable) feed which is fitted from the front. The feeds feature captive thumb-screws to quickly and simply make a robust deployment. The RF connector is at the inner end of the feed, and so when assembled is at the back face of the reflector hub. The reflector assembly can be mounted to a tripod bracket (not provided) or other interface using the 1/4-20 tapped holes in the rear face of the central hub.

Feeds are available for different frequency bands, with either linear or circular polarizations, in either single or **(new) dual-polar** configurations. Dual-polar feeds feature two N connectors.

The antenna systems all feature:

Reflector: 0.6m (2') diameter spun aluminum with white power coat finish.

Feeds: Return loss: 14dBi typical (1.5 to 1 VSWR)
Polarization: Linear or Circular (specify)
Single or **dual-polar**.

Connector: N female
Color: White

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