

Small Deployable Antennas Comparison

General Dynamics SATCOM Technologies provides a wide range of small deployable antennas for transit/receive and receive only applications. Our antennas are available in a variety of sizes (0.6M to 2.4M) and frequency bands (C through Ka) to fit your application.



Mobile Antennas	C125M	C140M/MW	C180M	C240M
Positioning	Motorized	Motorized	Motorized	Motorized
Antenna Diameter	1.25 Meters (4.10 feet)	1.4 Meters (4.59 feet)	1.8 Meters (5.91 feet)	2.4 Meters (7.87 feet)
Antenna Type	Single Offset	Single Offset	Single Offset	Single Offset
Reflector	1 piece	1 piece	1 piece	1 piece
Frequency Bands	Ka, Ku X	Ka, Ku X	C, Ka, Ku X	C, Ka, Ku X
Az Travel	+/- 200°	+/- 200°	+/- 180°	+/- 150°
EI Travel	5° to 90°	5° to 90°	5° to 90°	0 to 90°

Flyaway Antennas	C060FM/FA	C100FM/FA	C125FM/FA	C140FM/FA	C180FM/FA	C240FM/FA
Positioning	Manual/Automatic	Manual/Automatic	Manual/Automatic	Manual/Automatic	Manual/Automatic	Manual/Automatic
Antenna Diameter	0.6 Meters (1.97 feet)	1.0 Meters (3.28 feet)	1.25 Meters (4.10 feet)	1.40 Meters (4.59 feet)	1.80 Meters (5.91 feet)	2.40 Meters (7.87 feet)
Antenna Type	Center Fed	Single Offset	Single Offset	Single Offset	Single Offset	Single Offset
Reflector	3 piece	6 piece	8 piece	8 piece	9 piece	9 piece
Frequency Bands	Ka, Ku X	Ka, Ku X	Ka, Ku X	Ka, Ku X	C, Ka, Ku X	C, Ka, Ku X
Az Travel	+/- 360°	+/- 360°	+/- 360°	+/- 360°	+/- 180°	+/- 180°
EI Travel	0 to 90°	0 to 90°	0 to 90°	0 to 90°	5° to 90°	5° to 90°

Quick Deploy Antennas	C060QDM	C060QDA	0.96QDMA
Positioning	Manual	Automatic	Automatic
Antenna Diameter	0.6 Meters (1.97 feet)	0.6 Meters (1.97 feet)	0.96 Meters (3.15 feet)
Antenna Type	Center Fed	Center Fed	Center Fed
Reflector	3 piece	3 piece	9 piece
Frequency Bands	Ka, Ku X	Ka, Ku X	Ka, Ku X
Az Travel	+/- 10°	+/- 200°	+/- 120°
EI Travel	0 to 90°	0 to 90°	5° to 85°

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