






# Flex|Ground Terminals

	GATR 2.4M	GATR 1.2M	GATR Flex 75cm
			
<b>Size/Weight</b>	Standard Antenna Case: 31x20x15in / 96 lbs Standard Electronics Case: 31x20x15in / 83 lbs	Standard Case: 31x20x12in / 75 lbs with modem Backpack Solution: 58 lbs with modem Airline Carry-on: 57 lbs with modem	Airline Carry On (w/o modem): <32 lbs 2 x Airline Carry On: <32 lbs ea case Airline Transportable
<b>Antenna and RF System</b>			
<b>Optics</b>	Prime Focus	Prime Focus	Center Fed Prime Focus
<b>Reflector Construction</b>	Flexible parabolic fabric	Flexible parabolic fabric	Flexible parabolic fabric
<b>Az/EI/Pol</b>	Manual point and align	Manual point and align	Manual point and align
<b>Modem</b>	iDirect 950mp	iDirect 950mp	iDirect 950mp
<b>Interface</b>	CAT-5 cable for IP applications	CAT-5 cable for IP applications	CAT-5 cable for IP applications
<b>Elevation</b>	5 to 90 degrees	5 to 90 degrees	5 to 90 degrees
<b>Azimuth</b>	±10 deg of hold-downs	±10 deg of hold-downs	±30 deg of hold-downs
<b>G/T</b>	26.2 dB/K @ 20 deg elevation	20.7 dB/K @ 20 deg elevation	17 dB/K @ 20 deg elevation
<b>EIRP</b>	62.5 dBW with 12W BUC	53.8 dBW with 12W BUC	49.7 dBW (Pilot)
<b>Radiation Compliance</b>	FCC licensed	FCC licensed	FCC licensed
<b>Environmental</b>			
<b>Temperature</b>	Operational: -32 to +55 °C Storage: -40 to 60 °C	Operational: -32 to +55 °C Storage: -40 to 60 °C	Operational: -20° to +50 °C Storage: -30° to 60 °C
<b>Wind Load</b>	Operational: 40 mph (64kph) Survivable: 60 mph (97kph) Anchored	Operational: 40 mph (64kph) Survivable: 60 mph (97kph) Anchored	Operational: 20 mph (32kph) Anchored Survivable: 30 mph (48kph) Anchored
<b>Power Requirements</b>			
<b>Power</b>	Worldwide AC and 18 - 36 VDC 96 - 264 VAC auto sensing (Hz threshold 50-60Hz)	Worldwide AC and 18 - 36 VDC 96 - 264 VAC auto sensing (Hz threshold 50-60Hz)	Worldwide AC and 18 - 36 VDC 96 - 264 VAC auto sensing (Hz threshold 50-60Hz)
<b>Consumption</b>	12W BUC: Less than 300 W	Less than 150 W	< 150 W Global Beam; <100 W Epic <sup>NG</sup> (HTS)

\*Terminals are subject to availability and change.

\*\*Data and projected performance are based on manufacturer specifications and not guaranteed by IGC.

# Flex|Ground Terminals

	Panther II 96cm	Panther II 60cm
		
<b>Size</b>	1 case (backpack or hard case)	1 case (backpack or hard case)
<b>Weight</b>	Manual: 39 lbs (17.6 kg) Auto: 55 lbs (25 kg)	Manual: 29 lbs (13.2 kg) Auto: 45 lbs (20.4 kg)
<b>Antenna and RF System</b>		
<b>Optics</b>	Center Fed	Center Fed
<b>Reflector Construction</b>	8 piece parabolic	8 piece parabolic
<b>Az/EI/Pol</b>	Auto or manual	Auto or manual
<b>Modem</b>	iDirect 950mp	iDirect 950mp
<b>Interface</b>	2 LAN data ports, 18-36 V DC input, NMEA GPS	2 LAN data ports, 18-36 V DC input, NMEA GPS
<b>Elevation</b>	0 to 90 degrees	0 to 90 degrees
<b>Azimuth</b>	Manual: ±10 deg (fine tune) / Auto: ±90 deg	Manual: ±10 deg (fine tune) / Auto: ±90 deg
<b>G/T</b>	17.8 dB/K	14.2 dB/K
<b>EIRP</b>	52.9 dBW with 13W BUC / 55.4 dBW with 25W BUC	49.2 dBW with 13W BUC / 51.7 dBW with 25W BUC
<b>Radiation Compliance</b>	FCC 25.218 with 14.8 dBW/4kHz (on-axis)	FCC 25.218 with 19.5 dBW/4kHz (on-axis)
<b>Environmental</b>		
<b>Temperature</b>	Operational: -32 to +55 °C Storage: -40 to 60 °C	Operational: -32 to +55 °C Storage: -40 to 60 °C
<b>Wind Load</b>	Operational: 25 mph (40 kph) Gusting: 40 mph (64 kph) with anchor spikes	Operational: 25 mph (40 kph) Gusting: 40 mph (64 kph) with anchor spikes
<b>Power Requirements</b>		
<b>Power</b>	90-264 V AC 10-48 V DC	90-264 V AC 10-48 V DC
<b>Consumption</b>	240 Volt-amps	240 Volt-amps

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