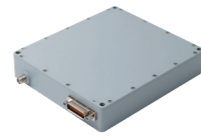
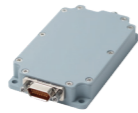

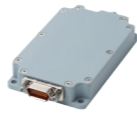


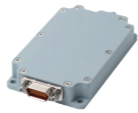



	L BAND MESH DATA LINK	S BAND MESH DATA LINKS		UPPER S BAND MESH DATA LINKS				C BAND MESH DATA LINKS	
<b>RF Output Power (W)</b>	10	2	10	2	6	10	40	2	10
<b>Net User Throughput</b>	6 Mbps @ CPM	6 Mbps @ CPM 16 Mbps @ OFDM		6 Mbps @ CPM 16 Mbps @ OFDM				6 Mbps @ CPM 16 Mbps @ OFDM	
<b>Sensitivity</b>	-92 dbm @6 Mbps CPM	-92 dBm @6 Mbps, CPM -92 dBm @16 Mbps, OFDM		-92 dBm @6 Mbps, CPM -92 dBm @16 Mbps, OFDM				-92 dBm @6 Mbps, CPM -92 dBm @16 Mbps, OFDM	
<b>Multiple Access Type</b>	TDMA	TDMA		TDMA				TDMA	
<b>ECCM</b>	FHSS/DSSS @ CPM	FHSS/DSSS @ CPM		FHSS/DSSS @ CPM				FHSS/DSSS @ CPM	
<b>Data Interface</b>	Ethernet 2 x RS232 3 x RS485	Ethernet 2 x RS485	Ethernet 2 x RS232 3 x RS485	Ethernet 2 x RS485		Ethernet 2 x RS232 3 x RS485		Ethernet 2 x RS485	Ethernet 2 x RS232 3 x RS485
<b>Environmental Tests</b>	MIL-STD-810G	MIL-STD-810G		MIL-STD-810G				MIL-STD-810G	
<b>EMI/EMC</b>	MIL-STD-461F	MIL-STD-461F		MIL-STD-461F				MIL-STD-461F	
<b>Input Voltage (Vdc)</b>	24-32	20-30	24-32	20-30	24-36	24-32		20-30	24-32
<b>Power Consumption (W) (@ 20% duty cycle)</b>	Peak : 50 Typical : 26	Peak : 17 Typical : 7	Peak : 50 Typical : 26	Peak : 17 Typical : 7	Peak : 35 Typical : 10	Peak : 50 Typical : 26	Peak : 90 Typical : 40	Peak : 17 Typical : 7	Peak : 50 Typical : 26
<b>Data Encryption</b>	AES 256	AES 256		AES 256				AES 256	
<b>Dimensions (mm)</b>	10.2 x 11.6 x 2.2	75 x 45 x 14.5	75 x 62 x 30	75 x 45 x 14.5		75 x 62 x 30		75 x 45 x 14.5	75 x 62 x 30
<b>Weight (g)</b>	370 ± 10	95 ± 5	310 ± 10	95 ± 5	Opt1: 95 ±5 Opt2: 100 ±5	310 ± 10		95 ± 5	310 ± 10
<b>Mating Connector</b>	Micro D 25 Pin	Micro D 15 Pin	Micro D 25 Pin	Micro D 15 Pin		Micro D 25 Pin		Micro D 15 Pin	Micro D 25 Pin
<b>RF Connector</b>	SMA Female	SMA Female		SMA Female				SMA Female	
									

### AUTO-TRACKING ANTENNA SYSTEM

**Frequency Range**  
L / S / Upper S / C Band

**Controller**  
Geopointing Antenna  
Controller Unit with  
Automatic North Finder

**Coverage**  
360° Pan, 120° Tilt

