







# Wireless Accessories

Red Lion Controls offers a wide variety of wireless accessories that include antennas, cables, mounting kits and power options. Our accessories are designed to operate in all conditions to keep your wireless network working.

## 3G Antennas

Our 3G antennas are designed to operate on 3G/2G cellular networks in a variety of applications. Options include magnetic or permanent mounting and can be ordered with cellular, GPS and/or Wi-Fi combination antennas. While only one cellular antenna is required, a second antenna for receive diversity is recommended.

	PART NUMBER	DESCRIPTION	CONNECTOR & CABLE TYPE	WHERE USED	REPLACES
	ANT-TG090113	2G/3G 3" hinged antenna	SMA male, no cable	BT 5000, BT 6000, SN 6000, RAM 6000 & RAM 9000	FANDK819SMAH3
	ANT-GA107201111	2G/3G 4.5" whip magnetic mount antenna, IP65 rated	SMA male, RG-174 (2 meter)	BT 5000, BT 6000, SN 6000, RAM 6000 & RAM 9000	ANT-WH-SMA-2.4M
	ANT-G21B301111	2G/3G low profile direct permanent mount antenna, IP65 rated	SMA male, RG-174 (3 meter)	BT 5000, BT 6000, SN 6000, RAM 6000 & RAM 9000	FANRO819SMADO or FANTB721SMADO
	ANT-MA301AAB001	2G/3G plus GPS, low profile magnetic mount antenna, IP67 rated	(2) SMA male, RG-174 (3 meter)	BT 5000 & RAM 9000	FANMG8195SMADO
	ANT-MA104CAB015	2G/3G plus GPS, low profile direct permanent mount, IP67 rated	(2) SMA male, RG-174 (3 meter) both cables	BT 5000 & RAM 9000	FANMG8195SMADO
	ANT-MA520ABC008	2G/3G low profile direct permanent mount, dual band Wi-Fi, IP67 rated	SMA male, cellular and RPSMA male, Wi-Fi both cables RG-316 (2 meter)	RAM 9000	New offering

## 4G Antennas




Our 4G LTE antennas offer magnetic or permanent mount options to provide maximum deployment flexibility, and can be ordered with cellular, GPS and/or Wi-Fi combination antennas. 4G LTE requires two antennas in a Multiple-Input Multiple-Output (MIMO) configuration. Note some 4G LTE antennas offer dual antennas/leads in a single housing and also operate in 3G and 2G networks.

	PART NUMBER	DESCRIPTION	CONNECTOR & CABLE TYPE	WHERE USED	REPLACES
	FANWAND721SMA	2G/3G/4G LTE paddle antenna	SMA male, no cable	SN 6000, RAM 6000 & RAM 9000	Same as current offering
	ANT-GA110101111	2G/3G/4G LTE 13" whip antenna, IP65 rated	SMA male, RG-174 (1 meter)	SN 6000, RAM 6000 & RAM 9000	ANTENNA-MAG-SMA
	ANT-G30B108111	2G/3G/4G LTE low profile direct permanent mount antenna, IP67 rated	SMA male RG-316 (1 meter)	SN 6000, RAM 6000 & RAM 9000	New offering
	ANT-MA741ABI001	2G/3G/4G LTE MIMO direct permanent mount antenna, IP67 rated	LTE and cellular (both lines) SMA male CFD-200 low loss cable (3 meters)	SN 6000, RAM 6000 & RAM 9000	New offering
	ANT-MA710AABI001	2G/3G/4G LTE MIMO plus GPS direct permanent mount antenna, IP67 rated	LTE and cellular (both lines) have SMA male CFD-200 low loss cable (3 meters) GPS has SMA male RG-174 (3 meters)	RAM 9000	New offering
	ANT-MA760AABIC003	2G/3G/4G LTE MIMO plus GPS and dual band Wi-Fi permanent mount antenna, IP67 rated	LTE and cellular (both lines) have SMA male CFD-200 low loss cable (3 meters) GPS has SMA male RG-174 (3 meters)	RAM 9000	New offering





To learn more about our wireless accessories or view Red Lion's comprehensive industrial networking portfolio, please visit [www.redlion.net/networking](http://www.redlion.net/networking) or call +1 (717) 767-6511.

## Wi-Fi Antennas





Our Wi-Fi antennas operate in the 2.4 GHz band to offer excellent performance in a small form factor. With an RPSMA connector, these antennas screw directly into Red Lion's Sixnet® series cellular modems.

	PART NUMBER	DESCRIPTION	CONNECTOR & CABLE TYPE	WHERE USED	REPLACES
	ANT-GW11A153	Wi-Fi antenna, standard 2 dBi WLAN 2.4 GHz, 4" hinged	RPSMA male, no cable	RAM 9000 & BT 5000	New offering
	ANT-GW260152	Wi-Fi antenna, WLAN 2.4 GHz, 1" fixed right angle	RPSMA male, no cable	RAM 9000 & BT 5000	New offering
	ANT-GW715153	Wi-Fi antenna, high gain dual band, 7" hinged	RPSMA male, no cable	RAM 9000 & BT 5000	New offering

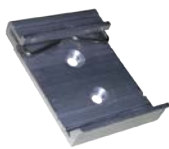



## Power

	PART NUMBER	PRODUCT	DESCRIPTION	WHERE USED
	FPSALACadapter	Power Supply AC/DC Adapter Molex	Power supply AC adapter (AC-DC), 4 pin Molex and 6 ft. cable	For use with cellular routers and RTUs with molex option
	FPSALACadapter2	Power Supply AC/DC Adapter Barrel	Power supply AC adapter (AC-DC), AC adapter with 12mm barrel and 6 ft. cable	For use with cellular routers and RTUs with AC adapter barrel connector option
	FCATAFUSEAUTO	Cigarette Lighter Adapter	Car adapter, 6 ft. 12V DC 3 Amps, 250V fuse automobile adapter	For use with cellular router and RTUs with DC power option
	FCATAFUSECABLE	Direct Current Fused Power Cable	Direct current fused power cable, 15ft. DC 2 Amps, 250V fuse power cable	For use with BT 6600, BT 6800 & BT 5000 series

## Cable

	PART NUMBER	PRODUCT	DESCRIPTION	WHERE USED
	FCASTMXT100	Serial Cable (RS232-DB9)	Serial cable (RS232-DB9), 6 ft. DB9 male to DB9 female	For use with all cellular routers and RTUs with DB9 serial port
	FCAALUSBMBM	USB Cable	USB cable 3 ft. cable type A male/type B male	For use with BT 5000 series
	FCAALUSBMINI	USB Mini Cable	USB type A male/mini B male cable, 5 pin, black, 6ft.	For use with all cellular routers and RTUs
	FWH1010FTMolex	I/O Wire Harness	I/O wire harness 10 ft. wire harness 10-pin Molex	For use with BT 5000 series

## Mount

	PART NUMBER	PRODUCT	DESCRIPTION	WHERE USED
	DIN-CLIP-1	DIN Rail Clip 1"	1 inch aluminum DIN-rail clip with two screws	For use with BT 6000, SN 6000 & RAM 6000
	DIN-CLIP-1.5	DIN Rail Clip 1.5"	1.5 inch aluminum DIN-rail clip with three screws	For use with BT 6000, SN 6000 & RAM 6000 5 Ethernet port versions
	DIN-CLIP-2.3	DIN Rail Clip 2.3"	2.3 inch aluminum DIN-rail clip with three screws	For use with RAM 9000
	F-CO-ST-4pin	Screw Terminal	Connector terminal, 4-pin plug with screws	For use with BT 6000, SN 6000 & RAM 6000 DC

*\*Colors may vary by product and are subject to change.*

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