







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




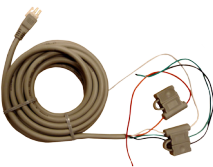
To learn more about our wireless accessories or view Red Lion's comprehensive industrial networking portfolio, please visit www.redlion.net/networking or call +1 (717) 767-6511.

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

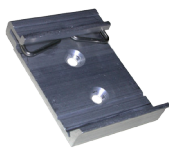



Power

	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.*

©2015 Red Lion Controls, Inc. All rights reserved. Red Lion, the Red Lion logo, N-Tron and Sixnet are registered trademarks of Red Lion Controls, Inc. All other company and product names are trademarks of their respective owners.



Americas
sales@redlion.net

Asia-Pacific
asia@redlion.net

**Europe, Africa
Middle East**
europe@redlion.net

+1 (717) 767-6511

Connect. Monitor. Control.

www.redlion.net

ADLD0386 081215