

INDUSTRIAL CONNECTIVITY

Product Catalog

Radio modems, complete field kits, antennas, cables, power products and installation accessories for dependable data transfer.

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Radios

Industrial radio modems for dependable private data networks.

13 PRODUCTS



RADIO MODEM YM6050

SATEL-EASy+

A compact 1 W UHF radio modem for reliable, real-time serial data communications and modern SATEL radio networks.

[Product details →](#)

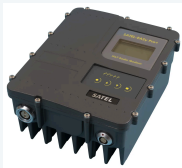


RADIO MODEM YM6070

SATEL-EASy+ ETH

A 1 W UHF radio modem with simultaneous Ethernet, Bluetooth and USB connectivity for industrial data networks.

[Product details →](#)



RADIO MODEM YM6823

SATEL-EASy Pro+

A high-power, IP67-rated UHF radio modem built for long-range data links and demanding outdoor installations.

[Product details →](#)



RADIO MODEM YM6577

SATEL Proof-TR4+

A 1 W, IP69K UHF radio modem for 403–473 MHz operation with encryption support.

[Product details →](#)



RADIO MODEM YM6411

SATEL Proof-TR9

A rugged, IP69K 1 W frequency-hopping radio modem for the license-free 902–928 MHz band in the United States and Canada.

[Product details →](#)



RADIO MODEM YM6930

SATEL Proof-TR489

A 1 W, IP69K radio modem supporting 403–473 MHz and 902–928 MHz operation in the United States and Canada.

[Product details →](#)



RADIO MODEM RUT241-9

RUT241 North American Industrial LTE Router

A compact industrial LTE Cat 4 router for North American networks, with a physical SIM slot, Wi-Fi, dual Ethernet ports and automatic WAN failover.

[Product details →](#)



RADIO MODEM YT0210

SATEL MCCU-20 LTE / UHF

A rugged dual-technology GNSS RTK correction receiver that uses either UHF radio or an LTE NTRIP connection to deliver correction data over RS-232.

[Product details →](#)



RADIO MODEM MCCU-30

SATEL MCCU-30 Multi-band Vehicle Router

A rugged multi-technology vehicle router combining LTE, UHF, dual-band Wi-Fi, Bluetooth and Gigabit Ethernet for connected machine applications.

[Product details →](#)



RADIO MODEM YM7470 / YM7475 / YM7480 / YM7485

SATEL-TR4+ Radio Module

A compact 1 W UHF transceiver module for integrating dependable 403–473 MHz data connectivity into OEM equipment.

[Product details →](#)



RADIO MODEM YM8820 / YM8825

SATEL-TR489 Radio Module

A compact multi-band OEM transceiver module combining licensed 403–473 MHz operation with license-free 902–928 MHz frequency hopping for the United States and Canada.

Product details →



**RADIO
MODEM**

YM7900 / YM7910 / YM7915 /
YM7920

SATELLINE M3-TR9 Radio Module

A compact 1 W frequency-hopping transceiver module for license-free 902–928 MHz data links in North American OEM equipment.

Product details →



**RADIO
MODEM** YR0000-MP1 / YR0000-MP2 /
YR0000-MP3

SATEL-B2 Radio Motherboard

A modular motherboard platform that powers and connects compatible SATEL OEM radio modules, available as board-level assemblies or in an aluminum enclosure.

Product details →

Kits

Application-ready radio kits with the cables, antennas and accessories needed for deployment.

5 PRODUCTS

SK- UHFPLUS	KIT SK-UHFPLUS EASy+ Machine Control Kit A complete 403–473 MHz machine-control radio kit with a SATEL-EASy+ modem, data and power cable, magnetic antenna system and serial adapter. Product details →	SK-35R	KIT SK-35R Machine Control 35W Repeater Kit A portable 35 W SATEL-EASy Pro+ repeater package with field power, a telescoping antenna system and protective transport bags for extending RTK coverage. Product details →
KS1	KIT KS1 High Power Base Station Kit A portable 35 W SATEL-EASy Pro+ base-station package with field power, a telescoping antenna system and a receiver-specific GPS/GNSS interface cable. Product details →	RTK Bridge	KIT SATEL RTK Bridge Kit An NTRIP-to-UHF correction bridge that uses LTE connectivity to extend GNSS RTK coverage beyond effective cellular range without a local base station. Product details →
KS4	KIT KS4 Fixed Base UHF Station A fixed 35 W SATEL-EASy Pro+ UHF station with AC power, outdoor antenna cabling and surge protection for long-range GNSS RTK correction broadcasts. Product details →		

Data Cables

Programming and interface cables for SATEL radios and field equipment, including data cables that also carry power.

18 PRODUCTS

	DATA CABLE YCSWK-USB A 1.8 m USB programming cable for configuring compatible SATELLINE-EASy Pro and SATEL-EASy Pro+ radio modems. Product details →		DATA CABLE SC15D Data and power cable for 15-pin SATEL radios with D9 male data and Deutsch 2-pin power connectors. Product details →
	DATA CABLE YC0104 RS-232 interface cable from the SATEL 15-pin connector to D9 female with power wire leads. Product details →		DATA CABLE YC0275 Programming adapter from SATEL Proof radios to a D15 interface. Product details →
	DATA CABLE YCNMFF YCNMFF DB-9 Female Null-Modem Adapter A compact RS-232 null-modem adapter with female DB-9 connectors for converting a straight-through serial cable to a null-modem connection. Product details →		DATA CABLE YCSWK-CF 6 ft data and programming cable from the SATEL 8-pin connector to D9 female. Product details →
	DATA CABLE YCSWK-H1 6 ft data cable from the SATEL 8-pin connector to D9 male for Hemisphere and Carlson equipment. Product details →		DATA CABLE YCSWK-H4 6 ft data cable from the SATEL 8-pin connector to a 5-pin Hemisphere, Carlson or GeoMax interface. Product details →
	DATA CABLE YCSWK-H4P 6 ft powered GNSS cable from the SATEL 8-pin connector to a 5-pin Hemisphere, Carlson or GeoMax interface. Product details →		DATA CABLE YCSWK-L4 6 ft data cable from the SATEL 8-pin connector to Leica equipment. Product details →

YCSWK-L4P

DATA CABLE

YCSWK-L4P

6 ft data cable from the SATEL 8-pin connector to Leica equipment with power for GNSS.

Product details →

YCSWK-M1

DATA CABLE

YCSWK-M1

6 ft data cable from the SATEL 8-pin connector to Topcon equipment.

Product details →

YCSWK-SG1

DATA CABLE

YCSWK-SG1

6 ft data cable from the SATEL 8-pin connector to Sokkia GRX1 and GRX2 equipment.

Product details →

YCSWK-T4

DATA CABLE

YCSWK-T4

6 ft data cable from the SATEL 8-pin connector to a Trimble 7-pin interface.

Product details →

YCSWK-T4P

DATA CABLE

YCSWK-T4P

6 ft data cable from the SATEL 8-pin connector to a Trimble 7-pin interface with power for GNSS.

Product details →

YCSWK-C1

DATA CABLE

YCSWK-C1

Data cable from the SATEL 8-pin connector to Carlson VASCO-B equipment.

Product details →

YCSWK-H2S

DATA CABLE

YCSWK-H2S

Cable from the SATEL 15-pin connector to D9 male with an SAE power connector.

Product details →

SC15SAE

DATA CABLE

SC15SAE

Cable from the SATEL D15 connector to D9 female with SAE power and battery leads.

Product details →

Power

Power-only cables, batteries, chargers and power supplies for fixed and portable radio systems.

9 PRODUCTS



POWER ACCESSORY

SBLFP35

Compact 12.8 V, 35 Ah lithium iron phosphate battery with 448 Wh of energy and an integrated battery management system.

Product details →

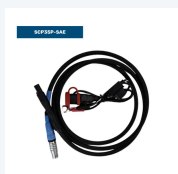


POWER ACCESSORY

SBLFP50

Compact 12.8 V, 50 Ah lithium iron phosphate battery with 640 Wh of energy and an integrated battery management system.

Product details →

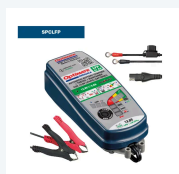


POWER ACCESSORY

SCP35P-SAE

Power cable from the 2-pin SATEL-EASy Pro+ connector to SAE with battery leads.

Product details →



POWER ACCESSORY

SPCLFP

Fully automatic 10-step, 6 A charger and maintainer for 12.8 V and 13.2 V LiFePO4 batteries from 3 to 72 Ah.

Product details →



POWER ACCESSORY

YP1150

Power supply for the 35 W SATEL-EASy Pro+ with a 2-pin power connector.

Product details →

YCOP35A-T

POWER ACCESSORY

YCOP35A-T

Power cable from a SATEL 4-pin connector to SAE with battery leads.

Product details →

YP0150B

POWER ACCESSORY

YP0150B

AC power supply for the 35 W SATEL-EASy Pro with a 4-pin connector.

Product details →

SPTELD

POWER ACCESSORY

SPTELD

Power cable from a Teltonika 4-pin connector to a Deutsch 2-pin connector.

Product details →



POWER ACCESSORY

SBLFP100

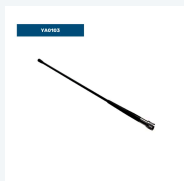
High-capacity 12.8 V, 100 Ah lithium iron phosphate battery with 1,280 Wh of energy and an integrated battery management system.

Product details →

Antennas

Mobile, fixed and field antennas for supported SATEL frequency bands.

13 PRODUCTS

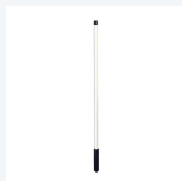


ANTENNA

YA0103

PCTEL K7153236 Gainflex UHF terminal antenna for 440–470 MHz, with 4 dB gain and a TNC male connector.

[Product details →](#)

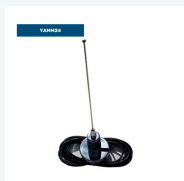


ANTENNA

YA050D

Rugged 450–480 MHz fiberglass omnidirectional base-station antenna with 4.5 dBd gain and 250 W power handling.

[Product details →](#)

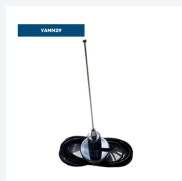


ANTENNA

YAMM24

Magnetic-mount 450–470 MHz antenna kit with NMO mount, RF cable and 2.4 dB gain antenna.

[Product details →](#)



ANTENNA

YAMM29

Magnetic-mount 896–970 MHz antenna kit with NMO mount, 15 ft RF cable and 2.4 dBd antenna.

[Product details →](#)



ANTENNA

YAS5MW

450–470 MHz NMO metal whip antenna with 5 dBi gain.

[Product details →](#)

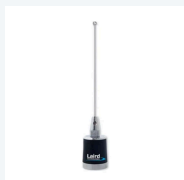


ANTENNA SAC5G6E

SAC5G6E 3-in-1 5G MIMO and Wi-Fi 6E Antenna

A low-profile magnetic-mount antenna combining two wideband cellular elements for 5G MIMO with one Wi-Fi 6E and ISM element.

[Product details →](#)



ANTENNA

YAS2MW

Tunable, no-ground-plane 450–470 MHz vehicular whip antenna with 2.4 dBi gain and NMO mounting.

[Product details →](#)



ANTENNA

SAP4502I

Heavy-duty, ground-plane-independent 450–470 MHz antenna with 2 dBi gain and an IP67 flexible housing.

[Product details →](#)

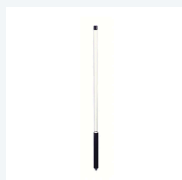


ANTENNA

SAP9022I

Heavy-duty, ground-plane-independent 902–928 MHz antenna with 2 dBi gain and an IP67 flexible housing.

[Product details →](#)



ANTENNA

SAO4503D

Rugged 450–470 MHz fiberglass omnidirectional base-station antenna with 3 dBd gain and 250 W power handling.

[Product details →](#)

ANTENNA

YA000D

Rugged 450–470 MHz fiberglass omnidirectional base-station antenna with unity gain and 250 W power handling.

Product details →



ANTENNA

SAO9023I-LP

Rugged, ground-plane-independent 902–928 MHz low-profile antenna with NMO mounting and IP67 protection.

Product details →



ANTENNA

YA0101

Multiflex antenna for the 400–470 MHz frequency range.

Product details →

YA0101

Antenna Cables

Coaxial cable assemblies for connecting SATEL radios, antennas and RF equipment.

3 PRODUCTS



CBL-NM-NM-400-30

ANTENNA CABLE

CBL-NM-NM-400-30

30 ft LMR-400 RF cable with N-male connectors at both ends.

Product details →



CBL-TM-NM-195-3

ANTENNA CABLE

CBL-TM-NM-195-3

3 ft 195-series antenna cable with TNC-male to N-male connectors.

Product details →



YCAK08

ANTENNA CABLE YCAK08

YCAK08 3 m TNC-to-TNC RF Cable

A 3 m (9.84 ft) 50 Ω RG-58 coaxial cable assembly with straight TNC-male connectors at both ends.

Product details →

Everything Else

Mounting hardware, RF protection, cases, field accessories and support services.

15 PRODUCTS



RF ACCESSORY

SAWPM

Mini weatherproofing kit for outdoor RF connections.

Product details →



RF ACCESSORY YASP1G-NFF

YASP1G-NFF Broadband RF Surge Protector

A DC-blocked 20–1000 MHz coaxial surge protector with N-female connectors, multi-strike capability and a universal mounting bracket.

Product details →



RF ACCESSORY

YPTMAM

Pole-mount adapter with NMO-to-TNC connection and 5/8-11 mounting thread.

Product details →



RF ACCESSORY

SAMMT

Black 3/4-inch magnetic antenna mount with rubber boot, 15 ft RG-58/U cable, and attached TNC male connector.

Product details →



MOUNTING OR PROTECTIVE ACCESSORY

K-YKIT-AK

Tripod with telescoping mast and transport bag for field radio installations.

Product details →



MOUNTING OR PROTECTIVE ACCESSORY

SAMMP

Pack of four magnetic mounts for SATEL Proof-TR4 and Proof-TR9 radios.

Product details →



RF ACCESSORY

RFA-TF-RPTM

Straight 50 Ω RF adapter from a TNC jack to an RP-TNC plug, rated for frequencies up to 11 GHz.

Product details →



MOUNTING OR PROTECTIVE ACCESSORY

WP0135

Wall mount for SATEL-EASy Pro and SATEL-EASy Pro+ radio modems.

Product details →



MOUNTING OR PROTECTIVE ACCESSORY

YP33BB

Protective battery bag for portable radio power systems.

Product details →



MOUNTING OR PROTECTIVE ACCESSORY

YP35PB

Padded transport bag for radio equipment.

Product details →



MOUNTING OR PROTECTIVE ACCESSORY

YPC001

Heavy-duty transport hard case for SATEL-EASy Pro radio equipment.

Product details →

SAMME

MOUNTING OR PROTECTIVE ACCESSORY

SAMME

Set of four magnetic mounts for the SATEL-EASy+ radio modem.

Product details →



MOUNTING OR PROTECTIVE ACCESSORY

YAFM2

Complete two-bracket pole-mount kit for long fiberglass base-station antennas and masts up to 2¾ inches in diameter.

Product details →

SVC-LIC

SERVICE

SVC-LIC

FCC licensing service for radio systems operating at fixed locations.

Product details →

SVC-LIC-ITIN4

SERVICE

SVC-LIC-ITIN4

FCC itinerant licensing service for four radio channels.

Product details →