

SelectConnect

Introducing the SelectConnect AC Coupling wireless adaptor. Experience a smarter, more cost-effective solution with the SelectConnect AC Coupling wireless adaptor. Say goodbye to the hassle and expense of digging trenches for communication cables. Our wireless adaptor seamlessly enables distributed PV integration on battery storage systems, ensuring efficient and reliable performance.



The Selectronic Managed AC Coupling concept offers a globally unique method for controlling Selectronic Certified (SCERT) Solar inverters, ensuring a voltage and frequency-stable battery-based power system. However, running a communications cable under a concrete path or through existing infrastructure can sometimes be impractical. That's why we've introduced a reliable wireless option to facilitate communication between the SP PRO and SCERT PV inverters.

Additionally, the SelectConnect wireless adaptor eliminates the need for daisy chained communications with its innovative "one to many" feature, streamlining the setup and enhancing system efficiency.



Feature List:

- Improved distance up to 500m with standard antenna.
- Optional External antenna provides improved distance with on-site obstacles.
- One SP PRO can transmit to a maximum of five separate SCERTs, all in different locations.
- Operates on 900MHz band for improved penetration of obstacles and reduced need for line of sight.
- Reduced susceptibility to earth loops and lightning damage of communication ports.
- Allows additional Managed AC PV to be added to existing systems without trenching.



[Fronius Installation Note](#)



[Fimer Installation Note](#)



Fronius L1 Base Kit
Product No. 005441



Fronius L2 Base Kit
Product No. 005443



Fronius L3 Base Kit
Product No. 005445



Fronius L1
Additional Receiver
Product No. 005442



Fronius L2
Additional Receiver
Product No. 005444



Fronius L3
Additional Receiver
Product No. 005446



Fimer L1 Base Kit
Product No. 005447



Fimer L1
Additional Receiver
Product No. 005454



SelectConnect
External Antenna
(with 5m cable)
Product No. 005453



[Selectronic
Online Store](#)

Features	Description
Connections Available	RF and Serial
RF Technology	Frequency Hopping Spread Spectrum (FHSS)
Frequency Band	915 – 928 MHz (Australia, US/Canada)
RF Connector	50 Ohm RPSMA Connector
Serial Interface Connector	Terminal Block fitted with FM RJ45 connector.
Serial Interface Data Rate	Baud rates from 9,600bps for Fronius, 19,200Kbps for Fimer
Power Consumption Normal / Idle @ 12VDC	400mA / 50mA
Supported Network Topologies	Point-to-Point, Point-to-Multipoint
SCERT Solar Inverter Compatibility	Fronius (1 & 3 Phase) / Fimer (1 Phase)
Supply Voltage / Current	7 – 18VDC / 400mA via supplied plug pack
Range, Typical	500m
Temperature (Operational)	-40°C to 80°C
Temperature (Storage)	-50°C to +85°C
Humidity (Non-Condensing)	10% to 90%
Dimensions	112 x 69 x 36 mm
Weight	170g
IP Rating	IP30
Warranty	1 Year