

Intelligent FOL



ACCESSORIES

CASES

The cases are available in two variants for either desktop use and/or 19" rack mounting, and both options can accommodate up to 8 Plug-In Receiver modules plus the System Controller Module.

The cases incorporate a backplane PCB and power supply. The **Intelligent FOL** Plug-In modules simply plug into the case, allowing the user to quickly and easily upgrade his system with additional modules at any time.

Desktop Case SRK-3

This version (right) of the SRK-3 4U cooled desktop case is supplied with handles fitted to the front of the case. This makes the SRK-3 ideal for portable and laboratory applications.



19" Mounting Case SRK-3R

This version of the SRK-3 case is supplied with rack or cabinet mounting "ears" to fit standard 19" enclosures.

point2point CASE & SUBRACK SPECIFICATIONS

SRK-3

SRK-3R

Description	Fan-Cooled Desktop Case	Fan-Cooled 19" Mounting Case
Max. No. of Plug-In Receivers	8	
19" Rack Mounting	Not Suitable	Yes
Desktop Mounting	Yes	Yes
Height	4U, 177mm	
Width	84HP (448.8mm)	
Depth (excl. handles)	345mm	
Weight (excl. modules)	8kg	
Operating Temperature	+10°C to +40°C	
Power	100-120V/200-240V, 50/60Hz, 2.4A/1.2A Autoswitching	
Suitable Modules.	All Intelligent FOL and point2point Plug-In products	

SHIELDED BATTERY PACKS

All shielded Transmitter modules are designed for operation from PPM's shielded Battery Packs. The packs are available in two versions, a standard capacity model and high capacity model for applications where extended test time is a necessity.

Battery packs attach to the shielded module with a U-shaped coaxial Battery Linking Plug that serves both as an electrical connection and a mechanical fixing, shown in the diagram, right.

This high quality U-Link has a finger-tight screw fitting that ensures a high level of shielding effectiveness and reliable mechanical connection.

The cells are protected with two fuses, one for over temperature control and a second for over current control.



The Battery Packs are charged using a PAG intelligent charger. This is a four channel device enabling multiple packs to be charged without user intervention. The charger has a cell-levelling program capable of optimising the charge in each cell of the pack to ensure long cell lifetime.

Charge time for a standard capacity pack from a fully discharged state is under 2 hours.

SHIELDED BATTERY PACK SPECIFICATIONS

	Standard Capacity Battery Pack 73511	High Capacity Battery Pack 73512
Battery Pack Dimensions (LxWxH),	160x23x90mm	160x40x90mm
Battery Pack Capacity	2.0Ah	3.6Ah
Voltage	14.4V nominal	14.4V nominal
Cell Type	Nickel Metal Hydride	Nickel Metal Hydride
Protection	Internal thermal fuse	Internal thermal fuse
Weight	750g max.	1.1kg max.
Charger Type	PAG Intelligent Charger 56166(shown)	

FIBRE OPTIC CABLES & ACCESSORIES



PPM Fibre Optic Cables are available in a range of lengths to suit all applications. **Intelligent FOL** modules are fitted with Dual Contact LEMO Connectors. This type of connector offers a very robust cross-site solution.

The fibre optic cables are dual fibre and also ruggedised.

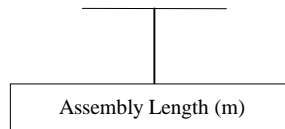
A range of accessories is available to complement and care for your fibre optic cable, including a Cable Management Reel (left) and Fibre Optic Cleaning Kit.

FIBRE OPTIC CABLE SPECIFICATIONS

Fibre Type	Dual Fibre - Singlemode 9/125µm SMF 28 for RF signal - Multimode 50/125um fibre for control signal
Cable Outer Diameter	6.0mm max.
Min bend radius	50 mm
Temperature range	-10 to +50°C

CABLE PART NUMBERING

54301 / XXX



Available lengths : "/50" = 50m, "/100" = 100m, "/200" = 200m, >200m contact PPM

PART NUMBERS & ORDERING INFORMATION

CASES & SUBRACKS

SRK-3	4U Desktop Case
SRK-3R	4U 19" Desktop Case

BATTERY PACKS & CHARGERS

73511	Standard Capacity Battery Pack + Battery Linking Plug
73512	High Capacity Battery Pack + Battery Linking Plug
56166	PAG Charger + 4 Charging Leads

FIBRE OPTIC CABLES

54301/xxx	Cross Site Fibre Optic Cable (xxx - Cable Length in Metres)
73554	Cable Management Reel
73553	Fibre Optic Connector Cleaning Kit

INTELLIGENT FOL MODULES

SCT-1	System Controller Module
TRT-G1-5H	Sentry IIsc Shielded Optical Transmitter
TRR-G1-5R	Sentry IIsc Plug-In Optical Receiver
TRT-K1-5H	Sentinel IIsc Shielded Optical Transmitter
TRR-K1-5R	Sentinel IIsc Plug-In Optical Receiver

PPM also offer a range of current and voltage probes, please contact us for more details.

CONTACT US

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