

Fiber to L-Band Receiver

- Support L-Band frequencies 700MHz - 2300MHz
- Dual L-Band RF outputs
- Fiber input range 1270nm - 1610nm
- Simplex LC/PC singlemode optical connection

The ORX 1900 is a compact fiber optic receiver for RF signals within the extended L-Band range of 700MHz to 2300MHz.

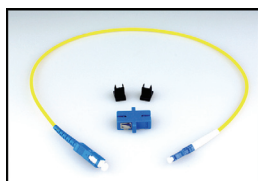
When paired with the fiber optic transmitter for RF signals (yellobrik OTX 1910) you have a very cost effective optical transmitter/receiver system for long haul distances.



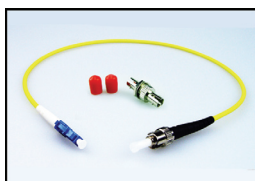
Technical Specifications

Fiber Input	Connector: 1 x LC/PC singlemode Frequency Range: 1270nm to 1610nm Input Range: +4 dBm to -6dBm
RF Output	Connector: 2 x 75 Ohm F-Type Frequency Range: 700MHz - 2300MHz Return Loss: >14dB
Power	+12VDC power supply (included) Power Consumption max. 3 Watts
Size	105mm x 40mm x 22mm (4.13" x 1.57" x 0.86")
Model #	ORX 1900
Includes	Module, 12V DC power supply and Velcro mounting strip. (fiber optic cable not included)

Adapter Cable Options



Model# **LC/SC SIM**
LC/PC to SC/PC Adapter



Model# **LC/ST SIM**
LC/PC to ST/PC Adapter

These adapters allows the use of ST or SC fiber connections to the module. SMF 0.5m (19.6") tail introduces less than 0.25dB attenuation.

Power Adapter Options

The kit **INCLUDES** AC power supplies. The power adapters below are optional.



P-TAP 1000
Use with a standard battery P-TAP power source.



XLR 1000
Use with a standard 4 pin XLR camera battery power source.

Fiber Optic Connection

LC Simplex (Singlemode) up to 10km (6.2 miles) (not included).



Specifications subject to change