



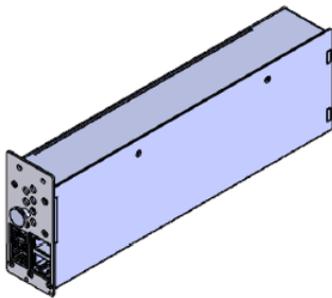
StingRay Ethernet Over Fibre Genus Module Optical Ethernet double width module, 2x RJ-45 + 2xSFP Slots

Typical applications:

- Teleports & Earth Stations
- Satellite Operations
- Government & Defence applications
- Telemetry, Tracking & Command
- High Resilience applications

SRY-G2S-DA-320 is an electrical data to optical SFP module bi-directional link. The module is double width occupying two 2U chassis slots. There are two Ethernet Ports RJ-45 10/100/1000BASE-T and two Gigabit Ethernet SFP module slots; two fibres are required for each standard SFP slot, since the operation is bi-directional. Alternatively BiDi SFP module could be used for single fibre operation. Ports are connected via an unmanaged Ethernet switch. The SFP modules are available with LC optical connectors, flat polished. It is intended for use in ETL's Genus 2U Series chassis and ODUs.

Fibre Module



Fibre Module

Compact form factor allowing multiple modules to be housed in the Genus chassis. Each module occupies 2 slot in the chassis.



Hot Swap & replaceable
ethernet over fibre module



2 x SFP module slots



2 x RJ45 ports
10/100/1000 Base-T

Chassis Options



Local control & monitoring via HMI high resolution touchscreen



Flexible Module Configurations choose from a mixture of fibre modules with different operating frequencies.



Resilience from dual redundant hot-swap power supplies & field replaceable CPU & HMI



Remote control & monitoring via RJ45 Ethernet port with SNMP & web browser interface



Compact indoor & outdoor chassis options, which can be part populated



Field replaceable Internal 10MHz reference source and external reference inject port with auto detection (optional)



Secure protocols with SNMPv3



Indoor Chassis



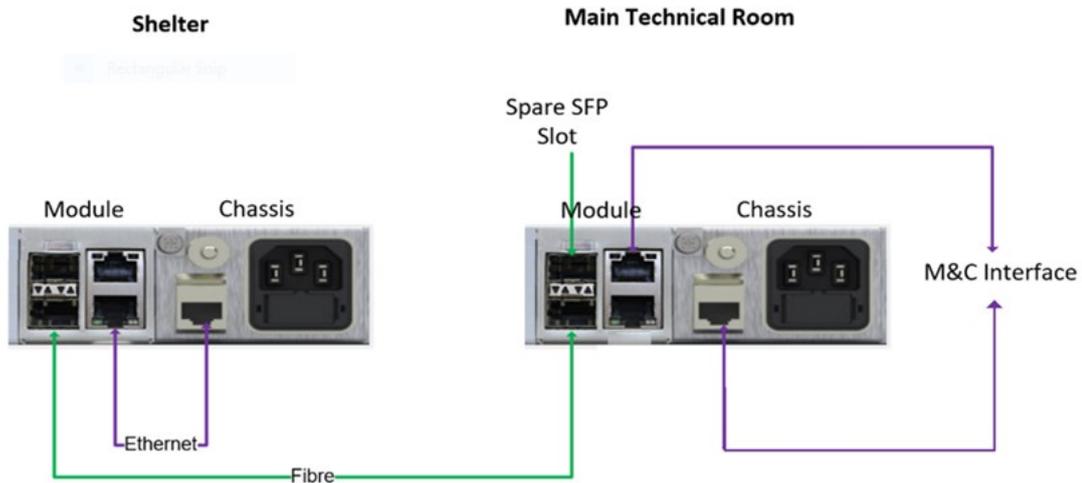
Outdoor Unit





StingRay Ethernet over Fibre Module - RF Parameters		
Model Numbers	SRY-G2S-DA-320	
Copper Ethernet Ports	2x10/100/1000BASE-T RJ-45 (Up to Gigabit Ethernet)	
Optical Ethernet Ports	2x SFP module slot	
Optical Connector	LC duplex, Single mode fibre (Other connector options are available upon request. Not angle polished)	
Optical Wavelength	Customer Selectable	
Power Consumption (W)	TBD (max. consumption at steady state)	
MTBF	TBD	
Control	Local and Remote	Local front panel control. See chassis spec. Remote control via chassis Ethernet. 10/100Base T. TCP/IP, SNMP, web browser
Temperature Monitors	Each module monitored	All are independently monitored and reported
Operating Temperature	-40 °C to +55 °C	
Storage Temperature	-40 °C to 85 °C	
Location	Indoor	Outdoor mounting as part of ETL ODU only
Humidity	20% to 90% non-condensing relative humidity	
Altitude	10,000 feet AMSL	
Weight	TBC	
Dimensions	TBC	

Typical Application



Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.
 Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.