



SPECIFICATION SHEET

JEDI 1 FULL DUPLEX MODEL

Manufacturer: Optipulse INC

Range: Up to 1 KM 10 Gbps

Optical wireless link with automated alignment CAPACITY	
Capacity w/Accelerator	Variable from 1Gbps to 10,000 Mbps (10Gbps) full duplex CI
Base Capacity	Variable from 1Gbps to 10Gbps full duplex CIR
Interface	6 x 1000/100/10 BaseT + 2 SFP+ Ports
Latency GigE	< 200 μ s, Typical 120 μ s GigE
Packet Size	64 to 9600 Bytes
Flow Control	Yes
Prioritization (QoS)	8 levels served by 4 queues, based on 802.1p/q, MPLS, DSCP ToS Bits
Logging	Syslog, alarms logging, bandwidth logging, and performance logging



NETWORK MANAGEMENT (NMS)	
Management Access	In or out of band
Alarm Management	SNMP Traps, Enterprise MIB
NMS Compatibility	Any SNMP based network manager SNMP v1, v2 c and v3
Security	3 Level Authentication, Radius, SSL, SSH
EMS	Web Based Management, System, SSL HTTP, SSH, Radius, Telnet
OAM Protocols	802.1ag, 802.3ah, Y.1731
CONNECTIONS (Inside)	Radio (without antenna)
Power	Dual Feed ?? V
Data	6 x RJ45 (1000/100 BaseT) + 2 x SFP+
Antenna Wind	110 kph (70 mph) Operational Craft Terminal RS 232
Loading	200 kph (125 mph) Survival

Interface Cable	N-Type female connector (how do we plan to connect to the terminal?)
Antenna Mount	Adjustment +/-45° Az; +/-22° El
Control Network Port	RJ45 (10 / 100 / 1000 BaseT)
Network Management	USB A CONNECTIONS (Outside)
Interface Cable	N-Type female connector for multi-link (Mesh)
Alignment Port	BNC female connector (may be serviced via Ethernet)