

# EL-1GS



- ✓ Throughput 10/100/1000 Mbit/s Full Duplex
- ✓ Double channel technology with backup supply voltage 48V DC
- ✓ Built-in service channel
- ✓ Systems of autotracking (targeting and aiming)
- ✓ IP monitoring
- ✓ Backup channel equipment (MW 72-75GHz) option
- ✓ 19" indoor units with power supply (AC 220V/DC 48V)



Basic interfaces	10/100/1000 BASE-TX SFP:1000 BASE-SX
Throughput	RJ-45: 10/100/1000 Mbit/s SFP: 1000 Mbit/s
Wavelength, nm	1550
Bandwidth, Mbit/s	1250 Full duplex
Fade margin at a distance of 1 km, dB	27
Latency of optical channel, ms	< 0,125
Links distances, m – availability 0,99 with backup channel – availability 0,9999	900 1200
Alignment	Autotracking system
Dynamic range of angle deviation processing (position keeping angle), mrad (grade)	65 (3,7)
Speed of autotracking adjustment, mrad/s	8
Latency of backup channel, ms	up to 350
Power supply, V	AC 90-260 DC 48 ± 15 %
Power consumption, W	40 - 50 (with heated optics)
Operating temperature of the outdoor units, °C	-40 ... +50
Dimensions, mm	
Optical unit	480x300x285
Interface unit	445x300x45 (19" 1U)
Radio unit	245x225x70
Weight, kg	
Optical unit	6
Interface unit	2
Radio unit	1
Cables length, m	up to 100
Management, monitoring	UDP (firmware) SNMP traps



**EC SYSTEM**