**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 | 900
| with backup channel – availability 0,9999 | 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