

TECHNICAL SPECIFICATIONS

ESPOD Backhaul A600 Series Wireless Point-to-Point Solution

ESPOD Backhaul A600 Series is a highly diversified family of wireless Point-to-Point products which brings together capacity up to 280 Mbps with a rich set of features and cost effectiveness.

All ESPOD Backhaul A600 Series products are available across a number of licensed and unlicensed frequency bands with selection of integrated antenna and connectorized models.

Frequency Bands

3.1 — 4.0 GHz

4.9 — 6.0 GHz

6.0 — 6.4 GHz



Key Features and Highlights

- Multiple Input – Multiple Output (MIMO 2x2) innovative technology
- “Pay as you grow” software upgradeable capacity feature
- Small form factor models allow low visual impact deployments
- Advanced Quality-of-Service and networking feature set
- Reliable and robust design

Applications

- Key applications of the ESPOD 2x2 Family include:
- 4G/LTE BTS backhaul
- WISP infrastructure backhaul
- High-capacity “last mile” access infrastructure
- CCTV access and backhaul infrastructure
- Building-to-building connectivity at Fast Ethernet or higher speeds for private and enterprise networks
- A cost-effective alternative for legacy microwave links or wired leased lines
- Reliable backup for fibre lines, high-speed FSO or millimeter-wave links a



PART NUMBER	CAPACITY	ANTENNA	TX POWER	FREQUENCY BAND	RECOMMENDED DISTANCE
ES-A600-19-3	up to 280 Mbps	19 dBi	up to 600 mW	3.1 – 3.4 GHz	up to 20 km
				3.4 – 3.7 GHz	
				3.7 – 3.9 GHz	
				3.9 – 4.0 GHz	
ES-A600-22-3	up to 280 Mbps	22 dBi	up to 600 mW	3.1 – 3.4 GHz	up to 30 km
				3.4 – 3.7 GHz	
				3.7 – 3.9 GHz	
				3.9 – 4.0 GHz	
ES-A600-CON-3	up to 280 Mbps	connectorized	up to 600 mW	3.1 – 3.4 GHz	80+ km with high-gain external antenna
				3.4 – 3.7 GHz	
				3.7 – 3.9 GHz	
				3.9 – 4.0 GHz	
ES-A600-23-5	up to 280 Mbps	23 dBi	up to 600 mW	4.9 – 6.0 GHz	up to 40 km
ES-A600-28-5	up to 280 Mbps	28 dBi	up to 600 mW	4.9 – 6.0 GHz	up to 70 km
ES-A600-CON-5	up to 280 Mbps	connectorized	up to 600 mW	4.9 – 6.0 GHz	90+ km with external high-gain antennas
ES-A600-24-6	up to 280 Mbps	24 dBi	up to 600 mW	6.0 – 6.4 GHz	up to 30 km
ES-A600-27-6	up to 280 Mbps	27 dBi	up to 600 mW	6.0 – 6.4 GHz	up to 50 km
ES-A600-CON-6	up to 280 Mbps	connectorized	up to 600 mW	6.0 – 6.4 GHz	80+ km with external high-gain antennas