



GE80 & AR80

E-band Wireless Links

E-BAND WIRELESS LINKS FOR HIGH-BANDWIDTH APPLICATIONS

BridgeWave is the leading supplier of gigabit RF connectivity solutions for service provider, government, military and enterprise applications. BridgeWave Gigabit Ethernet links extend network operator fiber to provide high-capacity access and backhaul, as well as extending enterprise LANs between buildings and sites.

FEATURES

PERFORMANCE:

- Full rate, full duplex Gigabit Ethernet
- Highly secure, narrow antenna beamwidth
- Interference-free operation enabling high-density deployments
- Simple, fast path licensing
- AdaptRate™ switching overcomes peak rain downpours
- Low latency for fiber-equivalent performance
- Forward Error Correction provides maximum link range

RELIABILITY:

- Rigorous HALT/HASS testing
- Up to 99.999% availability; 28-Year MTBF

EASE-OF-USE:

- Connects directly to standard network equipment
- All-outdoor, compact design
- Low voltage power cabling
- Rapid & flexible deployment
- Embedded web and SNMP based network management agent



CONNECTIVITY RANGES

GE80	Up to 4 Miles (6,437 m)
AR80	Up to 5 Miles (8,047 m)

WIRELESS "VIRTUAL FIBER" SOLUTIONS FOR SERVICE PROVIDER, GOVERNMENT/MILITARY, AND ENTERPRISE APPLICATIONS

LAN EXTENSION
Extends LAN backbones between buildings

FIRST/LAST MILE
Supports high-speed access services

METRO AREA NETWORK (MAN)
Complements/extends metro fiber

SERVER CONSOLIDATION
Enables centralization of IT facilities

SPATIAL DIVERSITY
Creates redundant paths for mission-critical applications

FAST AND FLEXIBLE
Provides temporary and disaster-recovery connectivity

FIBER ALTERNATIVE
Offers fiber-equivalent performance, security and reliability

CONFIGURATIONS:

- Point-to-point
- Hot standby
- Multi-hop/repeater
- Hub-and-spoke
- Ring
- Mesh

Datasheet

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