

▶ AB300M/S One-Way Audio

DESCRIPTION

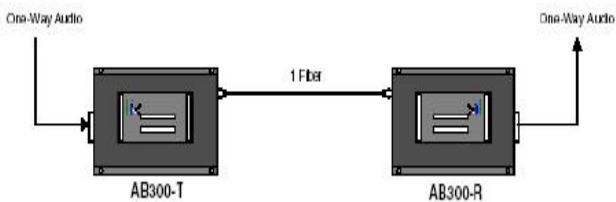
Radiant Communications AB300 Series can be ordered as a multimode or singlemode transmission system. The system can transmit distances of up to 120+ km on singlemode fiber, and 3 km on multimode. The AB300 Series, which transmits one-way audio over one fiber, and can be ordered as a standalone or rack mounted in our CR200 19" x 525" rack. Like all Radiant Communications transmission systems, no adjustments are required at time of installation, or anytime thereafter

▶ BENEFITS

One-Way Audio Over One Fiber
Multimode Distances up to 3 km
Singlemode Distances up to 120+ km
Diagnostic Indicators

▶ FEATURES

One-Way Audio Over One Fiber
Multimode Distances up to 3 km
Singlemode Distances up to 120+ km
Diagnostic Indicators



**Radiant
Communications
Corporation**

Phone: 908 757 7444 or 800 969 3427
Fax: 908 757 8666
E-mail: sales@rccfiber.com
www.rccfiber.com

P.O. Box 867
South Plainfield
NJ 07080
USA

2/2005

▶ AB300 One Way Audio

SPECIFICATIONS

Audio

Audio Bandwidth: 20 Hz to 20 kHz
SNR: 66 db
THD: <1%

Connector:
Audio 10-pin screw terminal

Optical

Wavelength: 850nm, 1310nm, 1550nm, CWDM, DWDM
Number of Fibers: 1
Optical Connector: SC/APC, SC, ST, FC, FC/APC

General Characteristics

Power: 1.5 Amp @ 5VDC
Operating Temperature: 0° to 50° C
Storage Temperature: -40° to 85° C

Size: rackmount 17.0" W x 13.0" D x 1.75" H
module 4.55" W x 7.0" D x 1.95" H
Card cage 1 Slot in CR200

ORDERING INFORMATION

PART NUMBER	DESCRIPTION	ATTENUATION	MAX DISTANCES
AB300M-T-XY8	1 Channel Audio Transmitter, 1 Fiber, MM 850nm	13 dB	0-3 km
AB300M-R-XY8	1 Channel Audio Receiver, 1 Fiber, MM 850nm	13 dB	0-3 km
AB300S-T-XY3	1 Channel Audio Transmitter, 1 Fiber, SM 1310nm	18 dB	0-50 km
AB300S-R-XY3	1 Channel Audio Receiver, 1 Fiber, SM 1310nm	18 dB	0-50 km

Note:

- Specify X—packaging of the unit: U—IU rack mount, M—modular (standalone) mount
- Specify Y—connector type: A—SC/APC, E—SC, B—FC, Z—FC/APC, D-ST
- For higher optical budgets and distances, CWDM and DWDM systems, contact factory
- Due to product enhancements, specifications subject to change without notice



**Radiant
Communications
Corporation**

Phone: 908 757 7444 or 800 969 3427
Fax: 908 757 8666
E-mail: sales@rccfiber.com
www.rccfiber.com

P.O. Box 867
South Plainfield
NJ 07080
USA

2/2005