

2-LINK BiDi PON DIODE TAP MODULE

A PERFECT BLEND OF PERFORMANCE AND FLEXIBILITY

The 2-link BiDi PON Diode TAP module allows the monitoring of two bidirectional PON fiber links.

The Diode function physically prevents any accidental or malicious light insertion coming from the monitor ports from entering and disrupting the operational network.

This TAP module is part of the MOD-TAP series, and uses the Modular Chassis for rack mounting, providing up to 32 BiDi PON TAP points in 1U.



FEATURES

- Diode function protects network against light insertion from TAP ports: high insertion loss on TAP port input blocks all signal (>35 dB)
- Non-intrusive in-line monitoring
- Permanent network link guaranteed
- Monitoring of all OSI layers
- No packet loss, no point of failure
- Passive, unpowered
- High density and modular

TECHNICAL SPECIFICATIONS

CONNECTORS	FIBER TYPE	WAVELENGTHS	SPLIT RATIO	ORDER REFERENCE
LC	Single-Mode 9 µm	1270-1330 nm	50/50	F2DP-MOD-13-50
LC	Single-Mode 9 µm	1490-1550 nm	50/50	F2DP-MOD-15-50
LC	Single-Mode 9 µm	1270-1330 nm	70/30	F2DP-MOD-13-70
LC	Single-Mode 9 µm	1490-1550 nm	70/30	F2DP-MOD-15-70

CHASSIS	ORDER REFERENCE
1U Modular Chassis (up to 16 BiDi PON modules)	AMC-1U

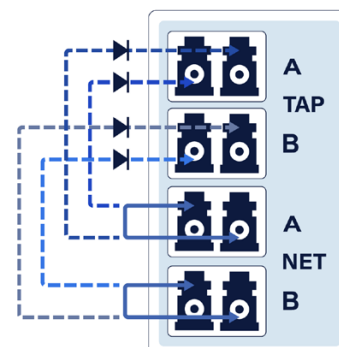
MAXIMUM INSERTION LOSS (dB)

FIBER TYPE	50 / 50	70 / 30
Single-Mode 9 µm	NET: 3.6 / TAP: 4.4	NET: 1.9 / TAP: 6.8

Note: These values don't include external connector loss.

PRODUCT DIMENSIONS

DIMENSIONS (WxDxH)		WEIGHT
MODULAR CHASSIS	440 x 202 x 44 mm	2140 g
	17.3 x 8 x 1.7 in	4.7 lb
BiDi PON DIODE TAP MODULE	25 x 217 x 41 mm	90 g
	1 x 8.5 x 1.6 in	0.2 lb



BiDi PON Diode TAP module internal port connectivity

Notes:

Rx wavelength on each side of a NET link must correspond to the Tx wavelength on the other side.

Rx wavelength on each TAP port must correspond to the Tx wavelength of the monitored NET port (e.g. NET A1 and TAP A1).

