

CATV NARROWCAST MODULES

Fiberdyne Product Specification



Fiberdyne Labs, Inc. narrowcast optical modules have been designed to provide flexibility of form factor with superior optical passive components. The new family of narrowcast optical modules allows a 1550 nm broadcast signal to be overlaid with a 1310 nm narrowcast signal. The narrowcast module can be used in a variety of applications, including video on demand, telephony, and cable modems.

FEATURES:

- Wide Temperature Range of Operations -40C to +85C
- Compact Design
- Standard or High Isolation WDM (Minimize Crosstalk) 17dB or 34dB
- Available in 1x2, 1x3, 1x4, 1x5, 1x6, 1x7, 1x8, 1x9, 1x10, 1x11, 1x12, 1x13, 1x14, 1x15, 1x16, 1x17, and 1x18 splits.
- Best Price/Performance in the Industry
- Made in the U.S.A.

SPECIFICATIONS:

Temperature	-40 C to + 85 C					
Bandwidth	1310 +- 10 nm / 1550 +- 10nm					
Model	1x2	1x4	1x6	1x8	1x12	1x16
Insertion Loss 1310 nm Input Typ. Standard Isolation	.4dB	.4dB	.4dB	.4dB	.4dB	.4 dB
Insertion Loss 1310 nm Input Typ. High Isolation	.8dB	.8dB	.8dB	.8dB	.8dB	.8dB
Insertion Loss 1550 nm Input Typ. Standard Isolation	3.8dB	7.4 dB	9.2dB	10.4dB	12.6dB	13.9dB
Insertion Loss 1550 nm Input Typ. High Isolation	4.2dB	7.8dB	9.6dB	10.8dB	13.0dB	14.3dB

Note: Insertion loss does not include connector loss.

