Introduction:

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.
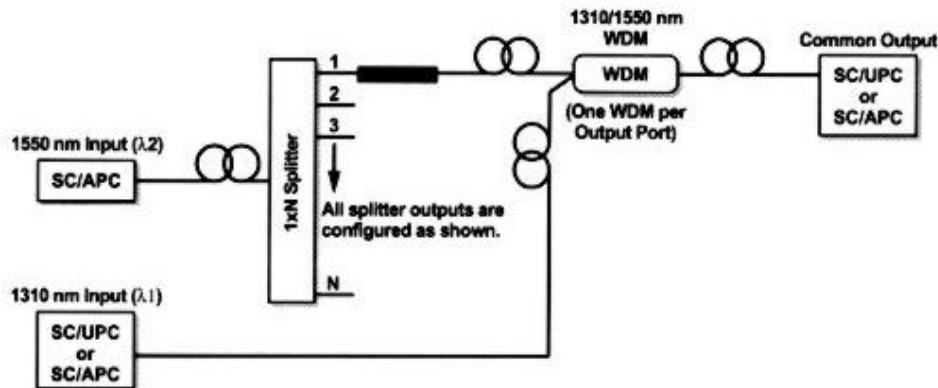
Features:

- 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 USA

NOTE: **Special Order** – A 1310nm input broadcast signal can be overlaid with a 1550nm Narrowcast signal. Special order splitters can be customized to different split ratios.

Specifications:

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

Note: Insertion loss does not include connector loss.

Narrowcast Module High Isolation, Rack Mount,
SC/APC Input Connector & SC/UPC Output Connector

Part Number	Description
FNM102HRMAAU	1x2 Configuration
FNM104HRMAAU	1x4 Configuration
FNM106HRMAAU	1x6 Configuration
FNM108HRMAAU	1x8 Configuration
FNM112HRMAAU	1x12 Configuration
FNM116HRMAAU	1x16 Configuration

Narrowcast Module, High Isolation, Rack Mount,
SC/APC Connectors

Part Number	Description
FNM102HRMAAA	1x2 Configuration
FNM104HRMAAA	1x4 Configuration
FNM106HRMAAA	1x6 Configuration
FNM108HRMAAA	1x8 Configuration
FNM112HRMAAA	1x12 Configuration
FNM116HRMAAA	1x16 Configuration

Narrowcast Module, Standard Isolation, Rack Mount,
SC/APC Connectors

Part Number	Description
FNM102SRMAAU	1x2 Configuration
FNM104SRMAAU	1x4 Configuration
FNM106SRMAAU	1x6 Configuration
FNM108SRMAAU	1x8 Configuration
FNM112SRMAAU	1x12 Configuration
FNM116SRMAAU	1x16 Configuration

Narrowcast Module Standard Isolation, Rack Mount,
SC/APC Input Connector & SC/UPC Output Connector

Part Number	Description
FNM102SRMAAA	1x2 Configuration
FNM104SRMAAA	1x4 Configuration
FNM106SRMAAA	1x6 Configuration
FNM108SRMAAA	1x8 Configuration
FNM112SRMAAA	1x12 Configuration
FNM116SRMAAA	1x16 Configuration