

Introduction:

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



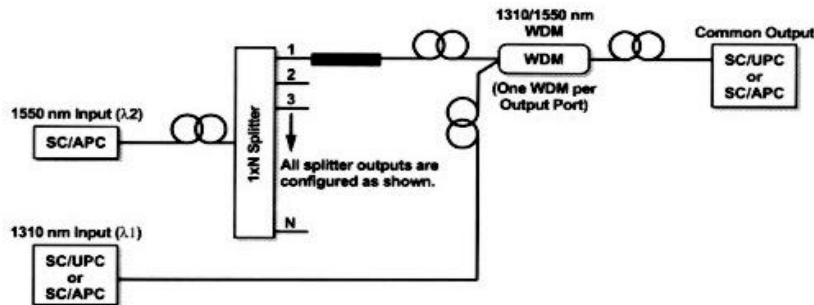
Features:

- 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

Specifications:

| | | | | | | |
|--|-------------------------------|-------|-------|--------|--------|--------|
| Temperature | -40 C to +85 C | | | | | |
| 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.



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.