

Coupler/Splitter Module Multimode, Dual-Window	Fiberdyne Labs, Inc. Product Specification
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Purpose:

Coupler Module: to combine optical power from three or more inputs.

Splitter Module: to divide optical power to three or more outputs.

Conceptual Usage:

Couplers are typically used where an aggregate of optical power is required.

Splitters applications are more common, typically used for data network monitoring. One or two inputs is/are divided and sent to monitoring equipment (e.g. network analyzers).

Standard Configurations: (module dimensions)

Module	Box	Faceplate
LGX/Lucent-compatible *	3.97"H x 1.12"W x 4.98"D	5.06"H x 1.12"W
Siecor/Corning-compatible *	4.62"H x 1.37"W x 6.00"D	6.00"H x 1.37"W
ADC-compatible *	7.12"H x 1.06"W x 6.06"D	8.62"H x 0.91"W
19/23-inch Rack Mount	1.72"H x 17.0"W x 5.94"D	1.72"H x 17.0"W
Wallmount	5.00"H x 6.00"W x 2.00"D	5.00"H x 8.00"W

* single-wide modules are shown; double and triple-wide modules are available.

Options:

- Number of ports (capacity varies according to module packaging)
- Per port Split-Ratios (or "even splits")

Features:

- Coupler/Splitter components comply with Telcordia GR-1209
- Connectors comply with Telcordia GR-326
- Fiber Connectors: SC, ST, FC, LC, MT-RJ
- Polish Type: UPC

Specifications: (for coupler/splitter device specifications, reference Fiberdyne document #075-10542-001 - "Multimode, Dual-Window Couplers")

Configuration **	Max Insertion Loss (dB) ***
1x3	6.7
1x4	8.3
1x5	10.2
1x6	11.5

** Equal Split-Ratios (i.e. "even splits") on each input/output

*** Insertion Loss values do not include connector losses.