

Purpose:

To describe Fiberdyne multimode attenuation devices. These devices are used, where the transmit power is too high for the receiver.

Device Description:

- Build-out** - attenuation placed between two connectors
 - the assembly, otherwise, looks like a female-to-male adapter
 - simplex adapter assembly, only
 - typically, connects equipment to fiber plant or patch cords
- Inline** - attenuation placed between two connectors
 - the assembly, otherwise, looks like a cable assembly
 - duplex cable assembly is available
 - typically, connects two different pieces of equipment
- Loopback** - attenuation placed between two connectors
 - the connectors are parallel attached to each other, and are used
 with a duplex in-line adapter or bulkhead adapter
 - simplex cable assembly, only
 - typically, connects the transmit/receive pair of a transceiver

Specifications:

Description	Units	Value
Wavelength	nm	850, 1300 (+/- 25)
Insertion Loss (I _L)	dB	1 to 5, 7, 10, 15 *
Tolerance (I _L), (1 - 5 dB) (7 - 15 dB)	dB	+/- 0.5 +/- 0.7
Connector styles		SC, ST, FC, LC, MTRJ
Temperature, Operating	°C	-40 to +75
Temperature, Storage	°C	-40 to +85

* Note: 15 dB available for Inline and Loopback attenuators, only.