

Purpose:

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

Device/Package Description:

- Build-out**
- attenuation placed between two connectors
 - the assembly, otherwise, looks like a female-to-male adapter
 - simplex and duplex adapter assemblies
 - 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	1310 and 1550 (+/- 25)
Insertion Loss (I _L)	dB	1 to 10, 15, 20
Tolerance (I _L), (1 - 5 dB)	dB	+/- 0.3
(6 - 20 dB)		+/- 0.5
Technology/Fiber type		doped-fiber
Connector styles		SC, ST, FC, LC, MTRJ
Temperature, Operating	°C	-40 to +75
Temperature, Storage	°C	-40 to +85
Standards Compliance		Telcordia