

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:

<b>Description</b>	<b>Units</b>	<b>Value</b>
Wavelength	nm	1310 and 1550 (+/- 25)
Insertion Loss (I <sub>L</sub> )	dB	1 to 10, 15, 20
Tolerance (I <sub>L</sub> ), (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

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