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) (6 - 20 dB)	dB	 +/- 0.3 +/- 0.5
Technology/Fiber type		doped-fiber
Connector styles		SC, ST, FC, LC, MTRJ
Temperature, Operating	^{O}C	-40 to +75
Temperature, Storage	^{O}C	-40 to +85
Standards Compliance		Telcordia

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