

**Purpose:**

To describe the Fiberdyne Labs fiber-optic, fixed, single-mode attenuator with ST/UPC connections.

**Device Description:**

Fiberdyne Labs manufactures premium fixed optical attenuators. The FCR0111XX series of singlemode attenuators are made with state-of-the-art equipment in every phase of manufacturing, to ensure that every attenuator meets our ISO 9001 quality standards.

**Specifications:**

<i>Description</i>	<i>Units</i>	<i>Value</i>
Technology Type		Doped Fiber
Standard Available Values	dB	1-10, 15, 20
Return Loss	dB	>50, Typical 55
Attenuation Accuracy	dB	±0.5 (1-8dB); ±10% level
Angle & Tolerance	°	Not Applicable
Repeatability	Cycles	>500
Operating Temperature	°C	-40 to +75
Humidity Range	%	5-95 Non-condensing
Body Dimensions	cm	5.0 X 1.0 X 1.0
Body Materials		Metal or Polymer
Standards Compliance		Telcordia

**Product Photograph:**



<b>ST/UPC Attenuators</b>		
<b>Part Number</b>	<b>Description</b>	<b>Attenuator</b>
FCR011101	ST/UPC, Male/Female 1310/1550 Attenuator	1dB
FCR011102	ST/UPC, Male/Female 1310/1550 Attenuator	2dB
FCR011103	ST/UPC, Male/Female 1310/1550 Attenuator	3dB
FCR011104	ST/UPC, Male/Female 1310/1550 Attenuator	4dB
FCR011105	ST/UPC, Male/Female 1310/1550 Attenuator	5dB
FCR011106	ST/UPC, Male/Female 1310/1550 Attenuator	6dB
FCR011107	ST/UPC, Male/Female 1310/1550 Attenuator	7dB
FCR011108	ST/UPC, Male/Female 1310/1550 Attenuator	8dB
FCR011109	ST/UPC, Male/Female 1310/1550 Attenuator	9dB
FCR011110	ST/UPC, Male/Female 1310/1550 Attenuator	10dB
FCR011115	ST/UPC, Male/Female 1310/1550 Attenuator	15dB
FCR011120	ST/UPC, Male/Female 1310/1550 Attenuator	20dB