

Purpose:

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

Device Description:

Fiberdyne Labs manufactures premium fixed optical attenuators. The FBR0211XX series of single-mode 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.



Technical 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 | >60, Typical 65 |
| Attenuation Accuracy | dB | ±0.5 (1-5dB); ±10% (>6dB) |
| Repeatability | Cycles | >500 |
| Operating Temperature | °C | -40 to +75 |
| Humidity Range | % | 5-95 Non-condensing |
| Body Dimensions | cm | 3.3 X 1.4 X 0.9 |
| Body Materials | | Metal |
| Standards Compliance | | Telcordia GR-910-Core |

| SC/APC Male/Female 1310/1550 Attenuator | | |
|---|---|------------|
| Part Number | Description | Attenuator |
| FBR021101 | SC/APC Male/Female 1310/1550 Attenuator | 1dB |
| FBR021102 | SC/APC Male/Female 1310/1550 Attenuator | 2dB |
| FBR021103 | SC/APC Male/Female 1310/1550 Attenuator | 3dB |
| FBR021104 | SC/APC Male/Female 1310/1550 Attenuator | 4dB |
| FBR021105 | SC/APC Male/Female 1310/1550 Attenuator | 5dB |
| FBR021106 | SC/APC Male/Female 1310/1550 Attenuator | 6dB |
| FBR021107 | SC/APC Male/Female 1310/1550 Attenuator | 7dB |
| FBR021108 | SC/APC Male/Female 1310/1550 Attenuator | 8dB |
| FBR021109 | SC/APC Male/Female 1310/1550 Attenuator | 9dB |
| FBR021110 | SC/APC Male/Female 1310/1550 Attenuator | 10dB |
| FBR021115 | SC/APC Male/Female 1310/1550 Attenuator | 15dB |
| FBR021120 | SC/APC Male/Female 1310/1550 Attenuator | 20dB |