



## Build-Out Attenuators

### Passive Power Reducing Optical Devices

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- Compliant - designed to meet Telcordia GR-NWT-000910
- Easy to install - compact design fits into existing connections or patch panels
- System flexibility - wave-length independent and polarization insensitive
- Consistent performance - fixed attenuation values of 1, 2, 3, 5, 10, 15, and 20 dB
- Reliable - all fiber element allows reliable match of signal power to receiver dynamic range in optical fiber runs

Build-Out Attenuators are used in CATV, telecommunications and data networks, both for digital and analog applications. They are designed to reduce or balance the power in passive optical networks. The power received by optical equipment must fall within its operating range to ensure proper performance and to maximize the life of optical receivers. CommScope offers Build-Out Attenuators, based on the "high attenuation fiber" technology. The build-out design can be inserted between the connector and the adapter and can therefore easily be integrated into distribution frames, cabinets, and boxes.

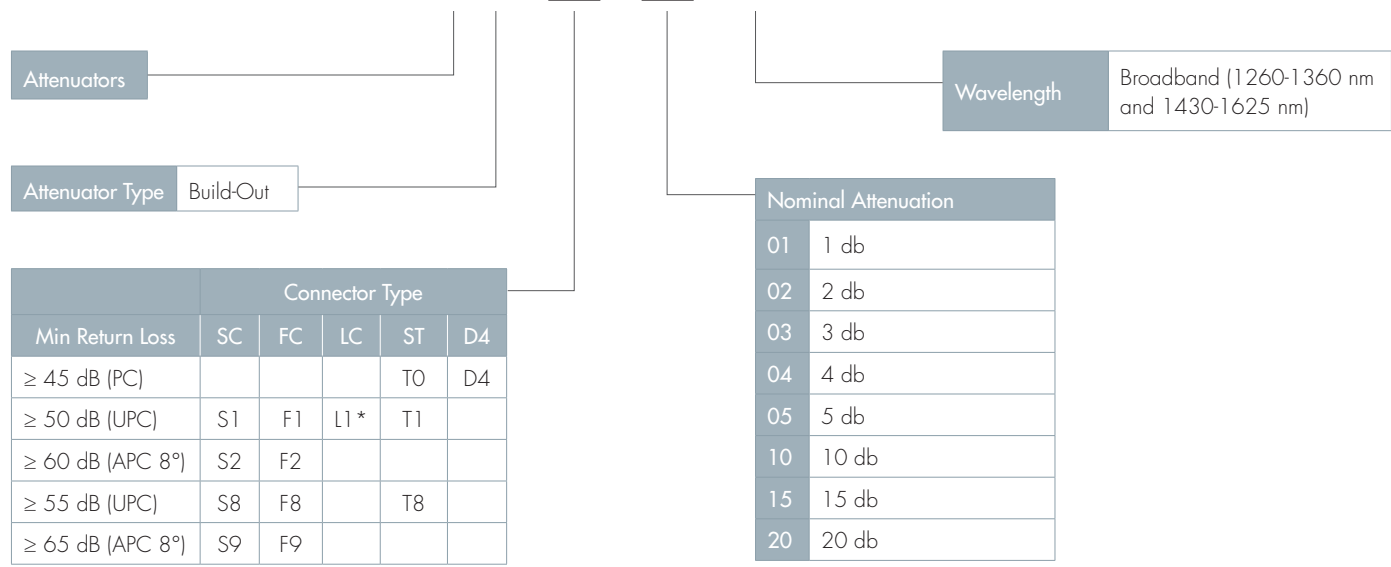
# Build-Out Attenuators

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## Technical Information

<b>Wavelength Range</b>	1260-1360 nm & 1430-1625 nm
<b>Fiber Type</b>	ITU-T: G.652
<b>Tolerance</b>	1, 2, 3, 4, 5 dB : $\pm 0.5$ dB other : $\pm 15\%$ (LC: $\pm 10\%$ )
<b>Minimum Return Loss</b>	PC $\geq 45$ dB, UPC: $\geq 50$ dB, LC: $\geq 55$ dB, APC: $\geq 55$ dB (mated)
<b>Operating Temperature</b>	-40 to +70°C
<b>Storage Temperature</b>	-40 to +85°C
<b>Max. Optical Power</b>	250 mW

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\* $\geq 55$  dB (LC)

Contact a sales representative about our premium grade products.



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