

Build out Attenuator

Passive power reducing optical device

Build out attenuators are used in CATV, telecommunications and data networks, both for digital and analogue 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.

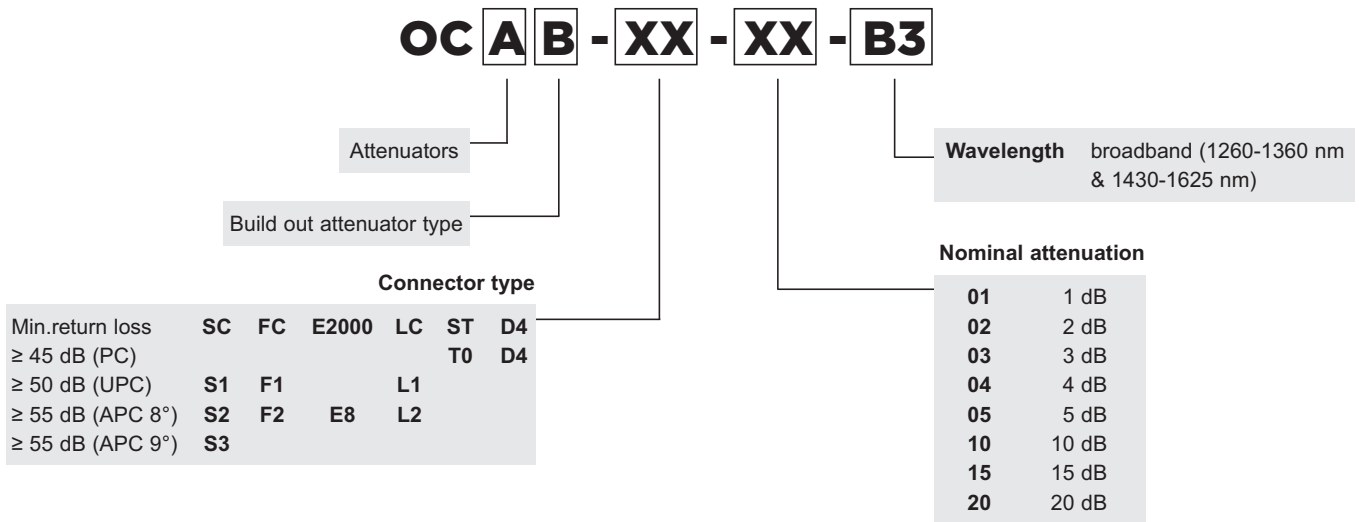
TE Connectivity offers Build out attenuators, based on the 'high attenuation fiber' technology. The Build-out design can be inserted between the connector and the adapter and can therefore easily be integrated in distribution frames, cabinets and boxes.

All attenuator types are compatible with the TE Connectivity FIST system.

Technical information

Wavelength range	1260-1360 nm & 1430-1625 nm
Fiber Type	ITU-T: G.652
Tolerance	1,2,3,4,5 dB : ± 0.5 dB other : $\pm 15\%$
Minimum Return Loss	PC : ≥ 45 dB, UPC: ≥ 50 dB, APC: ≥ 55 dB (mated)
Operating Temperature	-40 to +70°C
Storage Temperature	-40 to +85°C
Max. optical power	250 mW

Ordering information



For other attenuation values, please contact your local sales engineer.

Performance specification

Refer to the TE Connectivity specification PROP 5337 for more detailed technical information.

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