

Attenuating Fibers – HAF Series

CorActive delivers a full range of high attenuation optical fibers to address the optical attenuation requirements for DWDM, CATV and other telecom applications. CorActive's HAF Series of attenuating fibers feature cladding mode suppression technology that can substantially reduce modal interference problems.

DESCRIPTION

HAF-CMS Series

The HAF-CMS Series features cladding mode suppression technology and is specifically designed for the manufacturing of fixed in-line (plug type) attenuators

HAF-CMS-PC Series

The HAF-CMS Series features cladding mode suppression technology and is specifically designed for the manufacturing of patchcord-type attenuators

APPLICATIONS

- Fixed In-Line Attenuators
- Optical Power Leveling and Balancing
- Patch Cord Attenuators
- Termination Attenuators

SPECIFICATIONS

Parameters	HAF-CMS	HAF-CMS-PC
Material Specifications		
Core Material	Doped Silica Glass	Doped Silica Glass
Inner Clad Material	Silica Glass	Silica Glass
Coating Material	Dual Coat Acrylate	Dual Coat Acrylate
Optical Specifications		
Effective Core NA	0.12 ± 0.02	0.12 ± 0.02
Attenuation Range	0.5 - 10 dB/cm	0.5 - 40 dB/m
Geometrical and Mechanical Specifications		
Core Diameter (μm)	8.0 ± 1.0	8.5 ± 1.0
Clad Diameter (μm)	124.7 ± 1.0	124.7 ± 1.0
Coating Diameter (μm)	250 ± 5.0	250 ± 5.0
Proof Test Level (kpsi)	≥ 110	≥ 110

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