



 <http://www.fitek.com.tw>  
 [gofitek@fitek.com.tw](mailto:gofitek@fitek.com.tw)

# **SMA 905 600 $\mu\text{m}$ Optical Fiber with UV to NIR**

# Description

FiTek 600  $\mu\text{m}$  HCS fiber with SMA 905 on both ends has been assembled with a broadband 600 $\mu\text{m}$  HCS fiber that operates across a wide range of wavelengths, from UV to NIR. The armored jacket design provides high tensile strength and crush resistance, making it highly durable.



# Features

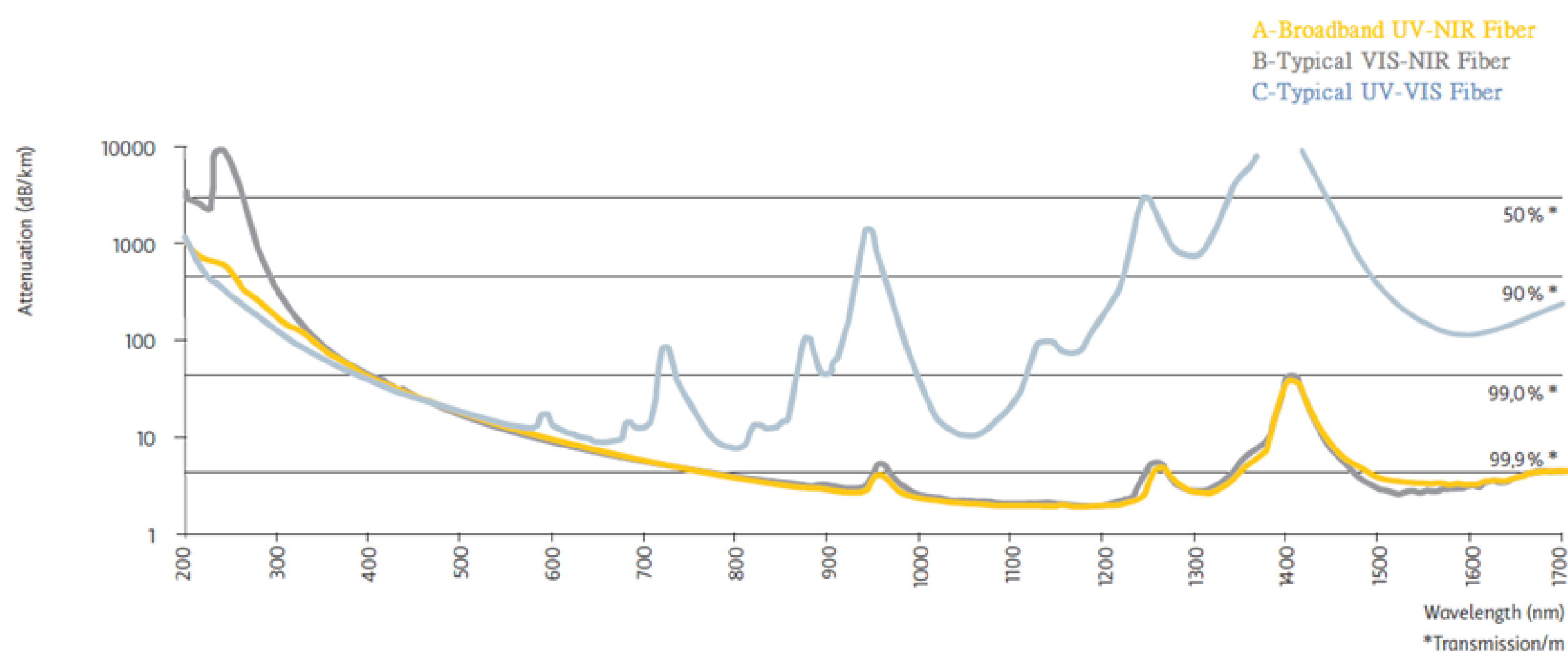
- The wide operating spectrum, ranging from UV-200 nm to 2000 nm, provides multiple applications.
- The armored cable enhances tensile strength, anti-bending capabilities, and crush resistance, ensuring reliable performance even in harsh environments.
- The SMA 905 optical cable is ideal for use in optical spectrometers and fiber pyrometers, delivering accurate and precise measurements.

# Applications

- Optical spectrometer
- Optical pyrometer

# Specifications

- 600 μm HCS Fiber Spectrum



- Specifications

Type	Armored Cable	Non-Armored Cable
Fiber Diameter (μm)	600	600
Outside Diameter (mm)	6.0±0.3	5.0±0.3
Material	Corrugated Flexible Metal Tube with PVC Jacket	PVC / LSZH Jacket