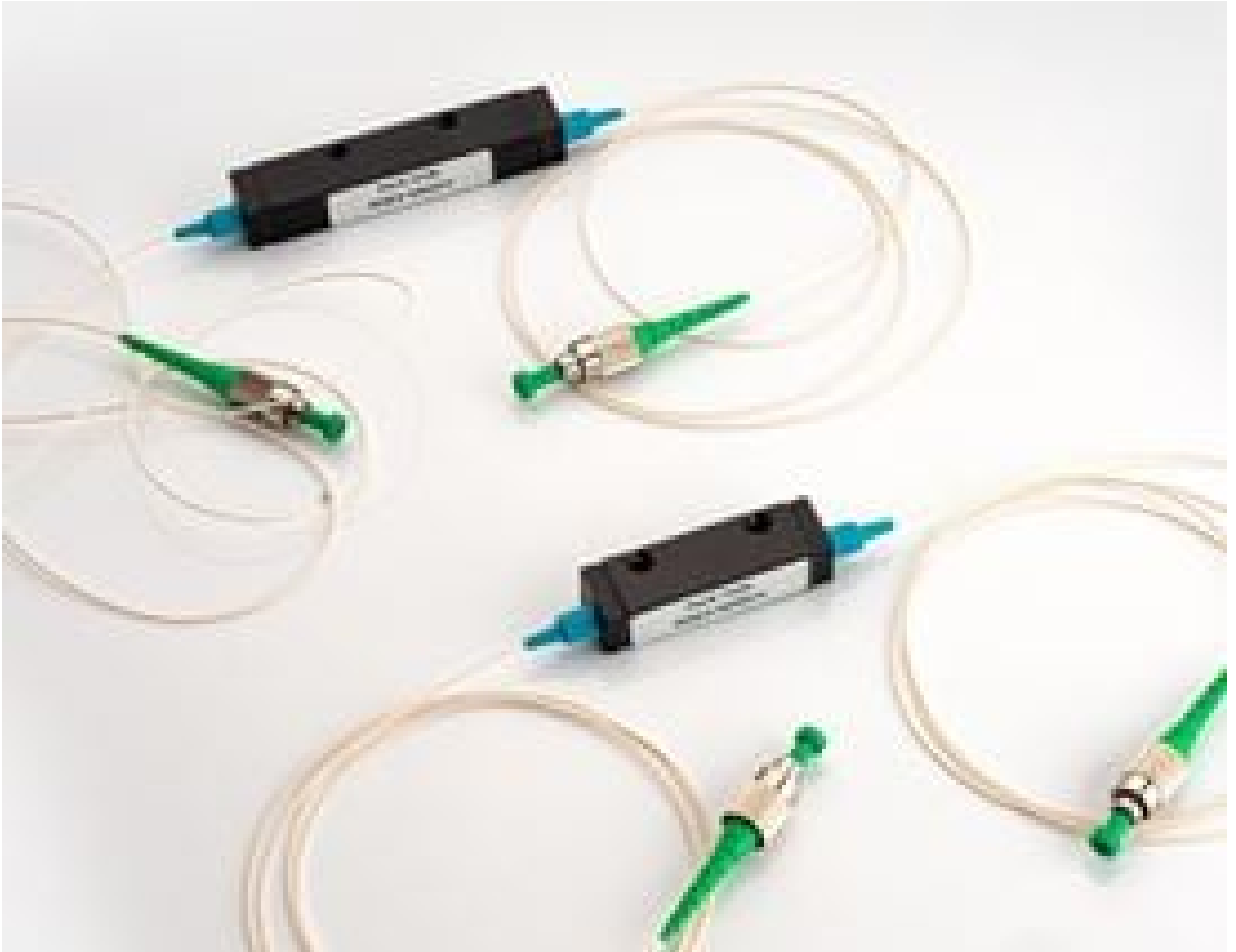


## Hydrogen Cyanide Fiber-Coupled Gas Cell, 16.5 cm Path Length, SC/PC



Stock #72-203 **1 In Stock**

- 1 + €1.025<sup>00</sup>

**ADD TO CART**

### Volume Pricing

Qty 1-4	€1.025,00 each
Qty 5-9	€922,50 each
Need More?	<a href="#">Request Quote</a>

ⓘ Prices shown are exclusive of VAT/local taxes

### Product Downloads

16.5 **Path Length (cm):**

SC/PC **Fiber Connector Type:**

### General

Hydrogen Cyanide (H<sup>13</sup>C<sup>14</sup>N) **Type:**

HCN-13-H(16.5)-25-SCPC **Model Number:**

## Optical Properties

**Wavelength Range (nm):**

1525 - 1565

**Transmission (%):**

>50

## Environmental & Durability Factors

**Operating Temperature (°C):**

0 to +70

## Regulatory Compliance

**Certificate of Conformance:**

[View](#)

## Product Details

- Hydrogen Cyanide and Acetylene Gasses Available for Wavelength Coverage of 1510 to 1565nm
- FC and SC Fiber Connection Options with a Variety of Path Lengths Available
- NIST Traceable Reference Cells

Wavelength References Fiber-Coupled Gas Cells are FC/APC, SC/APC, FC/PC, or SC/PC connected fiber coupled, gas filled precision filters whose absorption wavelengths depend on specific molecular energy level transitions that may be used as wavelength standards. Hermetically sealed to maintain >10 year lifetime, these gas cells feature metal housings, wedged windows, and coated optics for minimum interference artifacts and can be easily integrated into existing benchtop systems. Wavelength References Fiber-Coupled Reference Cells are available with a variety of path lengths and pressures which meet the requirements of NIST Standard Reference Material® (SRMs) 2517a, 2519, or 2519a. Short path lengths are recommended for measuring gasses at high concentration while longer path lengths enable more sensitive measurements. These reference cells are ideal for spectroscopy, wavelength/frequency locking, laser calibration, and optical gas sensing systems. Hydrogen Cyanide ( $H^{13}C^{14}N$ ) has been identified by national standards bodies as the primary wavelength reference in the C-band (1530 – 1565nm) while Acetylene ( $^{12}C_2H_2$ ) is recognized as a primary wavelength reference in the 1510 to 1540nm band.