

# Vertex Connect Fiber Splitters

## Vertex Connect Fiber Splitter PLC SM 1x32 With SC/APC Connectorized 0.9 mm



### Product Description

- The Vertex Connect Fiber Splitter is a high-performance, mini box-type splitter designed for efficient fiber optic signal distribution.
- It features one input and 32 outputs, all connectorized with SC/APC connectors, making it ideal for various fiber optic network applications including FTTH, CATV systems, network protection, PON distribution, and local area networks (LAN).

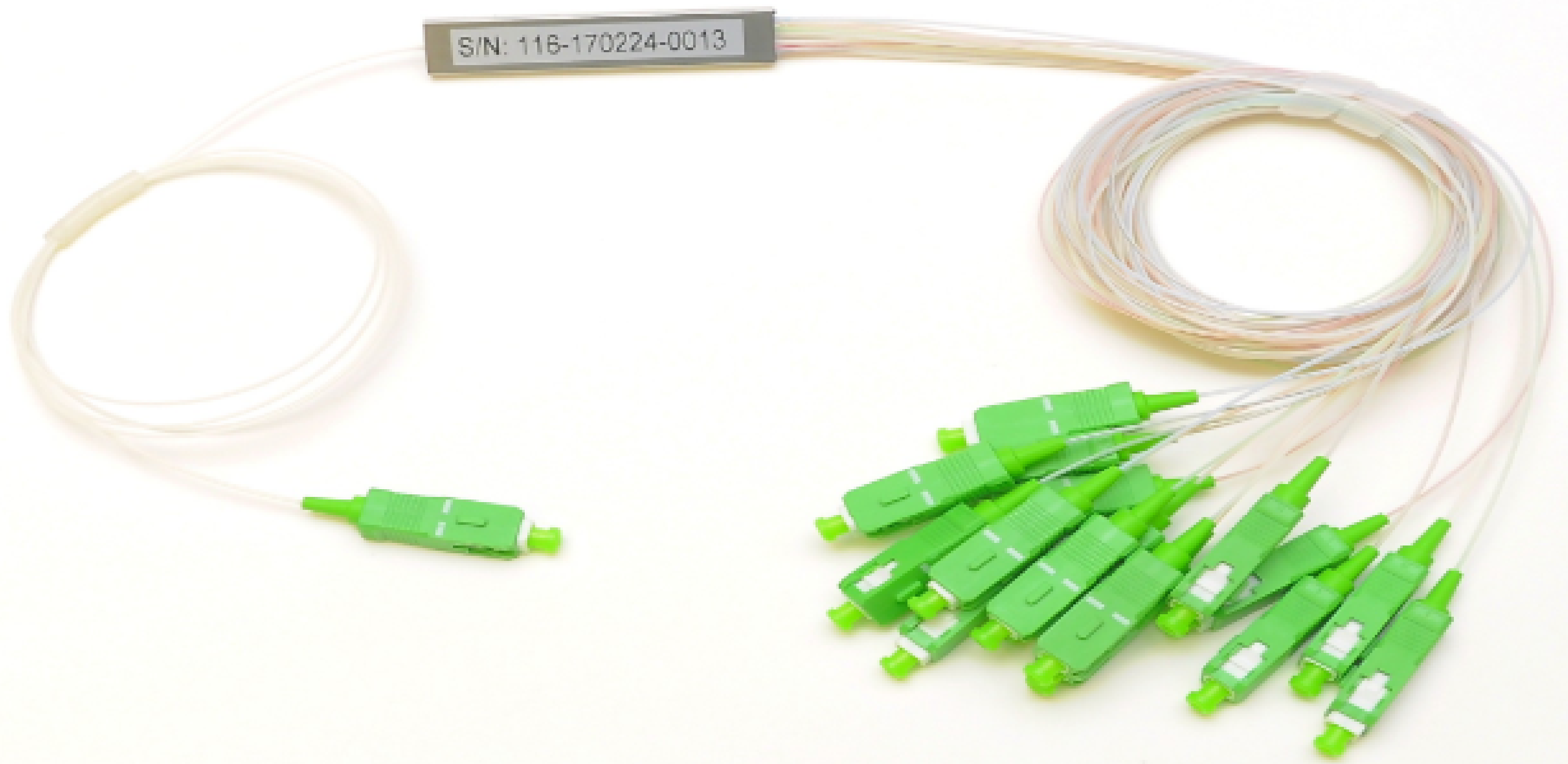
### Product Description

- **FTTH:** Ideal for delivering high-speed internet to residential users.
- **CATV Systems:** Ensures reliable signal distribution for cable TV networks.
- **Network Protection:** Provides redundancy and protection in fiber optic networks.
- **PON Distribution:** Efficiently distributes optical signals in Passive Optical Networks.
- **Local Area Networks (LAN):** Suitable for internal network setups in buildings and campuses.
- **Compliance:** Meets ICT2 standards for fiber optic installations.

### Technical Specifications

- **Operation Wavelength:** 1260 - 1650 nm
- **Max Insertion Loss:** 16.5 dB, providing efficient signal distribution
- **Max Loss Uniformity:** 1.5 dB
- **Polarization Dependent Loss (PDL):** 0.3 dB
- **Return Loss:**  $\geq 50$  dB
- **Directivity:**  $\geq 55$  dB
- **Fiber Type:** G657-A2 Single Mode
- **Operating Temperature Range:**  $-40 \sim +85^{\circ}\text{C}$
- **Core Diameter:** 9  $\mu\text{m}$
- **Cladding Diameter:** 125  $\mu\text{m}$
- **Cable Diameter:** 0.9 mm
- **Length:** 1m

# Vertex Connect Fiber Splitter PLC SM 1x16 With SC/APC Connectorized 0.9 mm



## Product Description

- The Vertex Connect Fiber Splitter is a high-performance, mini box-type splitter designed for efficient fiber optic signal distribution.
- It features one input and 16 outputs, all connectorized with SC/APC connectors, making it ideal for various fiber optic network applications including FTTH, CATV systems, network protection, PON distribution, and local area networks (LAN).

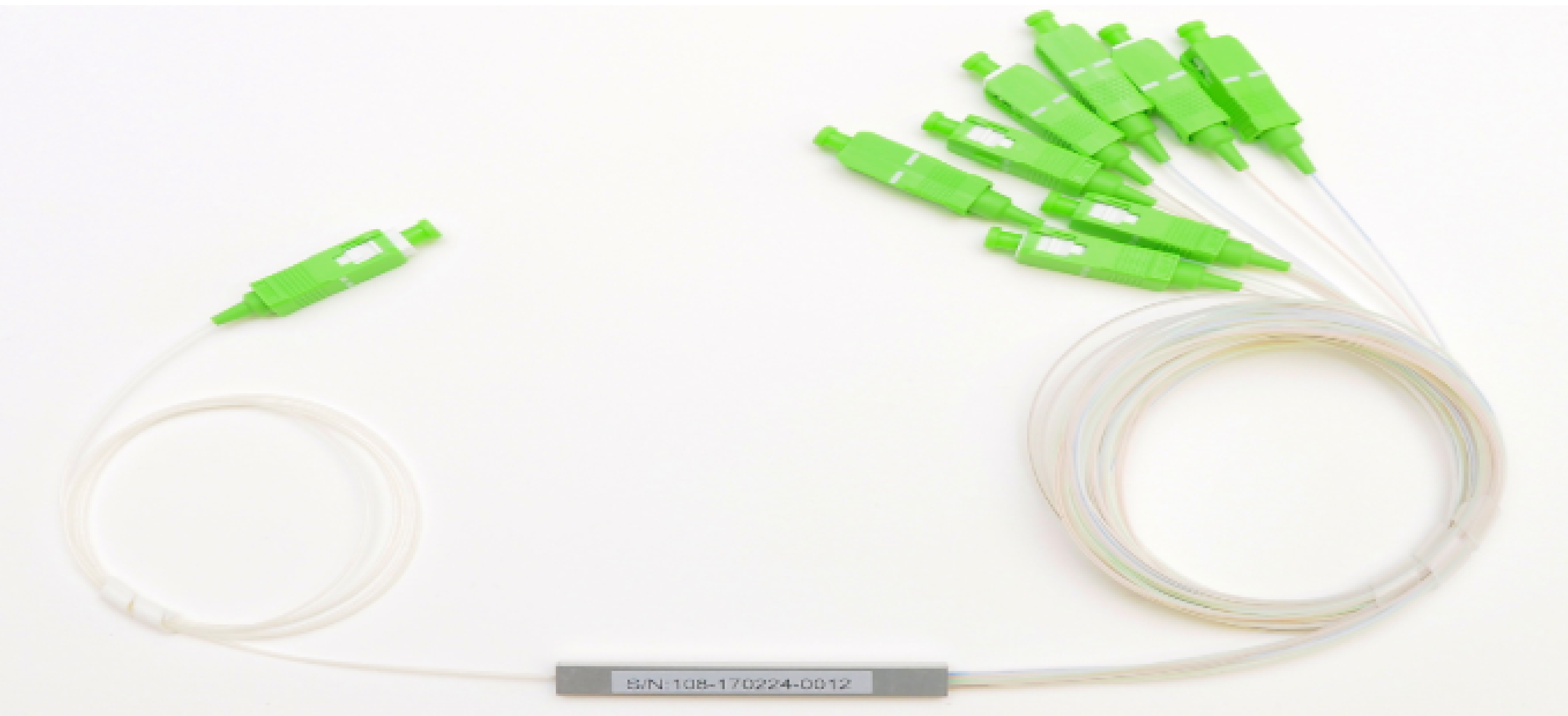
## Product Description

- **FTTH:** Ideal for delivering high-speed internet to residential users.
- **CATV Systems:** Ensures reliable signal distribution for cable TV networks.
- **Network Protection:** Provides redundancy and protection in fiber optic networks.
- **PON Distribution:** Efficiently distributes optical signals in Passive Optical Networks.
- **Local Area Networks (LAN):** Suitable for internal network setups in buildings and campuses.
- **Compliance:** Meets ICT2 standards for fiber optic installations.

## Technical Specifications

- **Operation Wavelength:** 1260 - 1650 nm
- **Max Insertion Loss:** 13.5 dB, providing efficient signal distribution
- **Max Loss Uniformity:** 1.2 dB
- **Polarization Dependent Loss (PDL):** 0.3 dB
- **Directivity:**  $\geq 55$  dB
- **Return Loss:**  $\geq 50$  dB
- **Fiber Type:** G657-A2 Single Mode
- **Operating Temperature Range:**  $-40 \sim +85^{\circ}\text{C}$
- **Core Diameter:** 9  $\mu\text{m}$
- **Cladding Diameter:** 125  $\mu\text{m}$
- **Cable Diameter:** 0.9 mm
- **Length:** 1m

# Vertex Connect Fiber Splitter PLC SM 1x8 With SC/APC Connectorized 0.9 mm



## Product Description

- The Vertex Connect Fiber Splitter is a high-performance, mini box-type splitter designed for efficient fiber optic signal distribution.
- It features one input and 8 outputs, all connectorized with SC/APC connectors, making it ideal for various fiber optic network applications including FTTH, CATV systems, network protection, PON distribution, and local area networks (LAN).

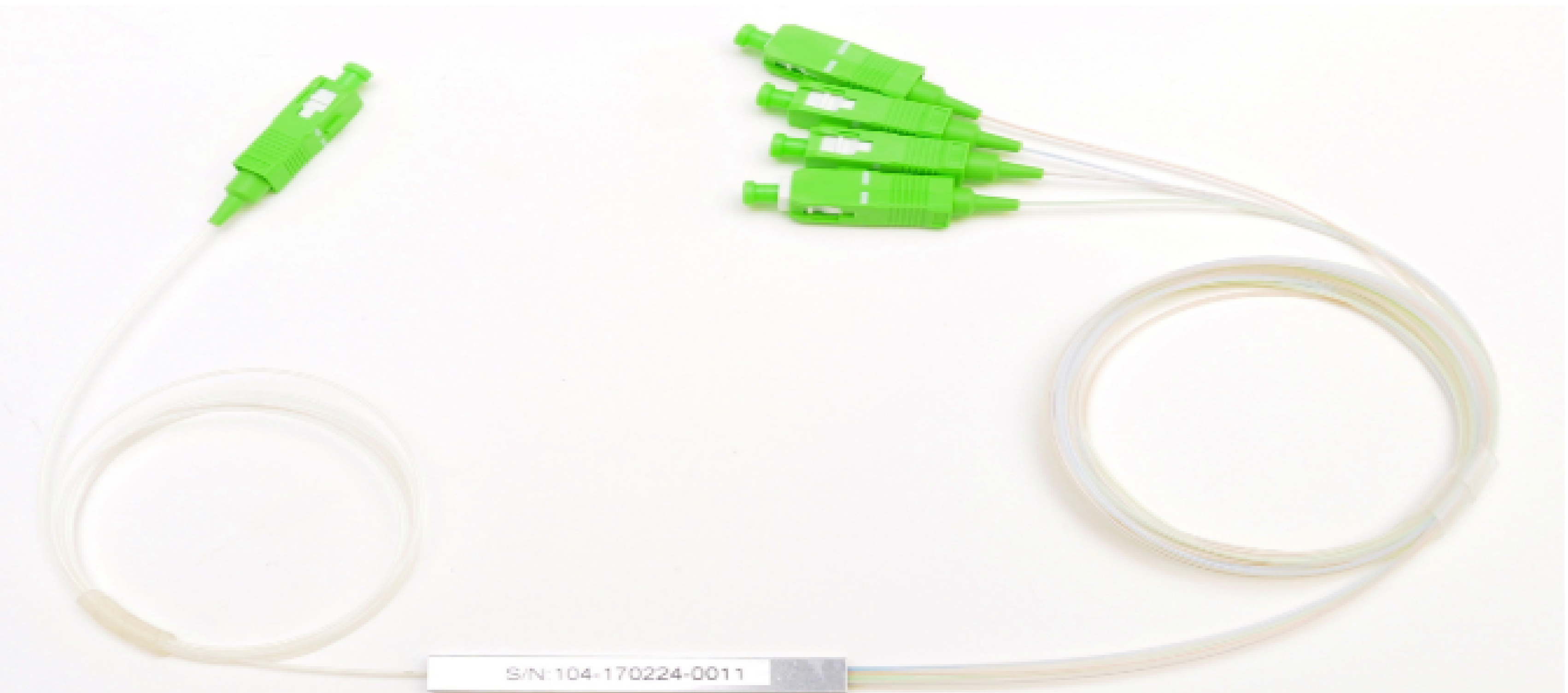
## Product Description

- **FTTH:** Ideal for delivering high-speed internet to residential users.
- **CATV Systems:** Ensures reliable signal distribution for cable TV networks.
- **Network Protection:** Provides redundancy and protection in fiber optic networks.
- **PON Distribution:** Efficiently distributes optical signals in Passive Optical Networks.
- **Local Area Networks (LAN):** Suitable for internal network setups in buildings and campuses.
- **Compliance:** Meets ICT2 standards for fiber optic installations.

## Technical Specifications

- **Operation Wavelength:** 1260 - 1650 nm
- **Max Insertion Loss:** 10.5 dB, providing efficient signal distribution
- **Max Loss Uniformity:** 0.8 dB
- **Polarization Dependent Loss (PDL):** 0.3 dB
- **Directivity:**  $\geq 55$  dB
- **Return Loss:**  $\geq 50$  dB
- **Fiber Type:** G657-A2 Single Mode
- **Operating Temperature Range:**  $-40 \sim +85^{\circ}\text{C}$
- **Core Diameter:** 9  $\mu\text{m}$
- **Cladding Diameter:** 125  $\mu\text{m}$
- **Cable Diameter:** 0.9 mm
- **Length:** 1m

# Vertex Connect Fiber Splitter PLC SM 1x4 With SC/APC Connectorized 0.9 mm



## Product Description

- The Vertex Connect Fiber Splitter is a high-performance, mini box-type splitter designed for efficient fiber optic signal distribution.
- It features one input and 8 outputs, all connectorized with SC/APC connectors, making it ideal for various fiber optic network applications including FTTH, CATV systems, network protection, PON distribution, and local area networks (LAN).

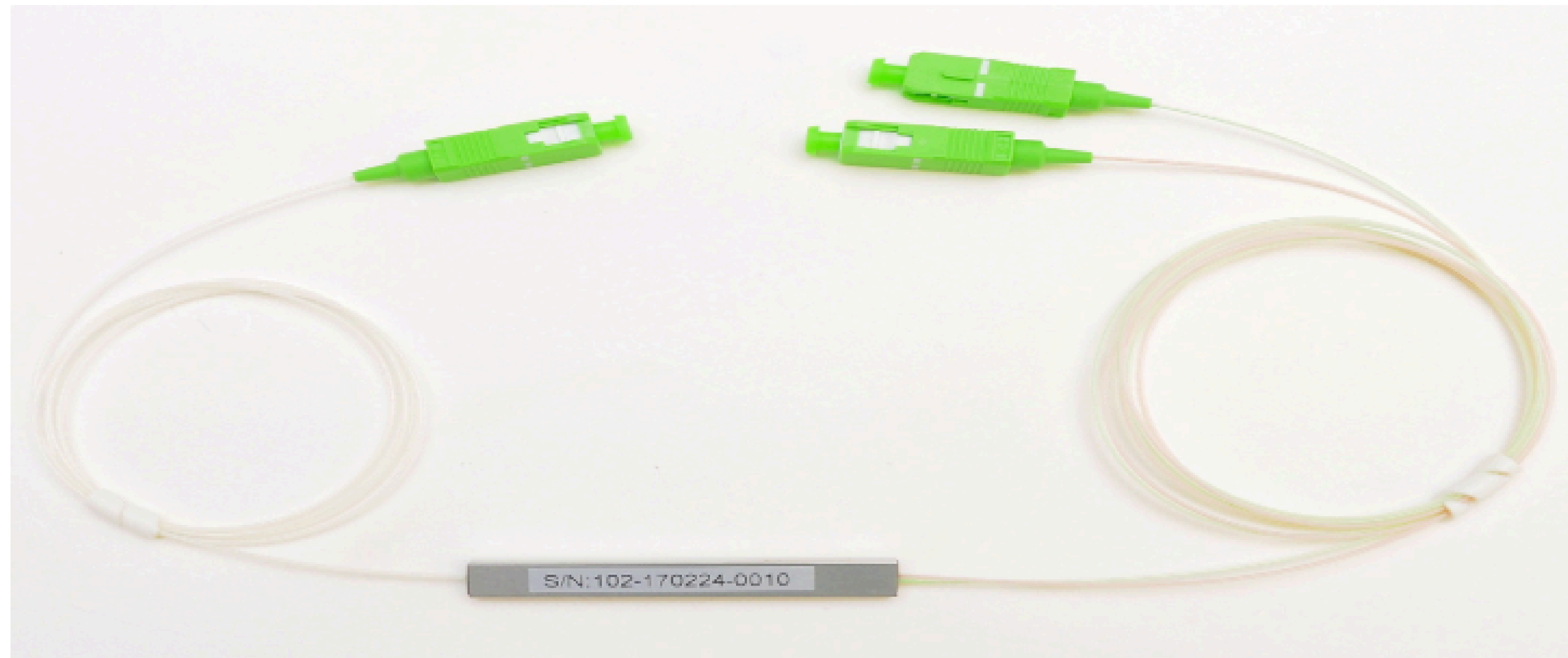
## Product Description

- **FTTH:** Ideal for delivering high-speed internet to residential users.
- **CATV Systems:** Ensures reliable signal distribution for cable TV networks.
- **Network Protection:** Provides redundancy and protection in fiber optic networks.
- **PON Distribution:** Efficiently distributes optical signals in Passive Optical Networks.
- **Local Area Networks (LAN):** Suitable for internal network setups in buildings and campuses.
- **Compliance:** Meets ICT2 standards for fiber optic installations.

## Technical Specifications

- **Operation Wavelength:** 1260 - 1650 nm
- **Max Insertion Loss:** 7.4 dB
- **Max Loss Uniformity:** 0.6 dB
- **Polarization Dependent Loss (PDL):** 0.2 dB
- **Directivity:**  $\geq 55$  dB
- **Return Loss:**  $\geq 50$  dB
- **Fiber Type:** G657-A2 Single Mode
- **Operating Temperature Range:**  $-40 \sim +85^{\circ}\text{C}$
- **Core Diameter:** 9  $\mu\text{m}$
- **Cladding Diameter:** 125  $\mu\text{m}$
- **Cable Diameter:** 0.9 mm
- **Length:** 1m

# Vertex Connect Fiber Splitter PLC SM 1x2 With SC/APC Connectorized 0.9 mm



## Product Description

- The Vertex Connect Fiber Splitter is a high-performance, mini box-type splitter designed for efficient fiber optic signal distribution.
- It features one input and 2 outputs, all connectorized with SC/APC connectors, making it ideal for various fiber optic network applications including FTTH, CATV systems, network protection, PON distribution, and local area networks (LAN).

## Product Description

- **FTTH:** Ideal for delivering high-speed internet to residential users.
- **CATV Systems:** Ensures reliable signal distribution for cable TV networks.
- **Network Protection:** Provides redundancy and protection in fiber optic networks.
- **PON Distribution:** Efficiently distributes optical signals in Passive Optical Networks.
- **Local Area Networks (LAN):** Suitable for internal network setups in buildings and campuses.
- **Compliance:** Meets ICT2 standards for fiber optic installations.

## Technical Specifications

- **Operation Wavelength:** 1260 - 1650 nm
- **Max Insertion Loss:** 3.8 dB
- **Max Loss Uniformity:** 0.7 dB
- **Polarization Dependent Loss (PDL):** 0.2 dB
- **Directivity:**  $\geq 55$  dB
- **Return Loss:**  $\geq 50$  dB
- **Fiber Type:** G657-A2 Single Mode
- **Operating Temperature Range:**  $-40 \sim +85^{\circ}\text{C}$
- **Core Diameter:** 9  $\mu\text{m}$
- **Cladding Diameter:** 125  $\mu\text{m}$
- **Cable Diameter:** 0.9 mm
- **Length:** 1m