

Vertex Connect Fiber Pigtails

Vertex Connect Exterior Black Pigtail SC/APC 100m



The VertexConnect Fiber Pigtail is an outdoor fiber optic cable designed for reliable performance in harsh environments.

It features a robust construction with waterproof and UV-resistant properties, ensuring durability and long-term functionality in various outdoor installations.

Product Description

- **Outdoor Suitable:** Specifically designed for outdoor use, capable of withstanding environmental elements.
- **Waterproof:** Ensures protection against water ingress, maintaining optimal performance in wet conditions.
- **UV and Fire Resistance:** Constructed with materials that resist ultraviolet radiation and fire, enhancing safety and durability.
- **Black Color:** Discreet and blends well with outdoor settings.

- **Tensile Strength:** Supports 500 N during installation and 125 N after installation, maintaining integrity under tension.
- **Bend Radius:** Minimum bend radius of 10 times the diameter after installation and 20 times during installation, providing flexibility in routing.
- **Insulation Thickness:** Nominal 0.5 mm, offering adequate protection for the internal fibers.

Technical Specifications

- **Material:** Polycarbonate
- **Tube Diameter:** 2.00 ± 0.10
- **Max Diameter:** 20mm
- **Length:** 100m
- **Operating Temperature Range:** -20 ~ +70°C
- **Exterior Resistance:** UV
- **Material/Colour:** PE/Black
- **Thickness:** Nominal 0,5 mm
- **Crush Resistance:** 100N
- **Water Resistance:** 3 meters (24 hours)
- **Insulation Thickness:** 0.5 mm
- **Protection Rating:** IP68

Vertex Connect Exterior Black Pigtail SC/APC 60m



The VertexConnect Fiber Pigtail is an outdoor fiber optic cable designed for reliable performance in harsh environments.

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Product Description

- **Outdoor Suitable:** Specifically designed for outdoor use, capable of withstanding environmental elements.
- **Waterproof:** Ensures protection against water ingress, maintaining optimal performance in wet conditions.
- **UV and Fire Resistance:** Constructed with materials that resist ultraviolet radiation and fire, enhancing safety and durability.
- **Black Color:** Discreet and blends well with outdoor settings.

- **Tensile Strength:** Supports 500 N during installation and 125 N after installation, maintaining integrity under tension.
- **Bend Radius:** Minimum bend radius of 10 times the diameter after installation and 20 times during installation, providing flexibility in routing.
- **Insulation Thickness:** Nominal 0.5 mm, offering adequate protection for the internal fibers.

Technical Specifications

- **Material:** Polycarbonate
- **Tube Diameter:** 2.00 ± 0.10
- **Max Diameter:** 20mm
- **Length:** 60m
- **Operating Temperature Range:** -20 ~ +70°C
- **Exterior Resistance:** UV
- **Material/Colour:** PE/Black
- **Thickness:** Nominal 0,5 mm
- **Crush Resistance:** 100N
- **Water Resistance:** 3 meters (24 hours)
- **Insulation Thickness:** 0.5 mm
- **Protection Rating:** IP68

Vertex Connect Exterior Black Pigtail SC/APC 30m



The VertexConnect Fiber Pigtail is an outdoor fiber optic cable designed for reliable performance in harsh environments.

It features a robust construction with waterproof and UV-resistant properties, ensuring durability and long-term functionality in various outdoor installations.

Product Description

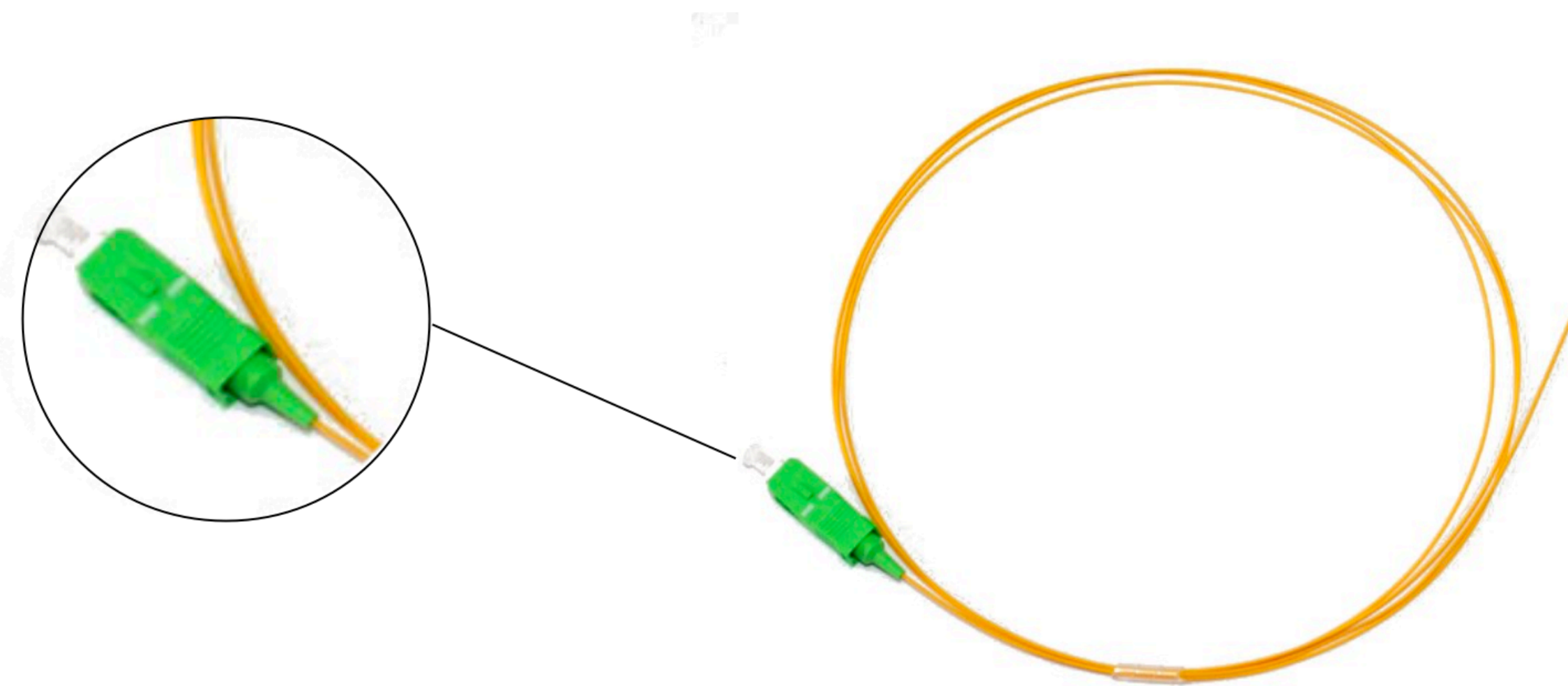
- **Outdoor Suitable:** Specifically designed for outdoor use, capable of withstanding environmental elements.
- **Waterproof:** Ensures protection against water ingress, maintaining optimal performance in wet conditions.
- **UV and Fire Resistance:** Constructed with materials that resist ultraviolet radiation and fire, enhancing safety and durability.
- **Black Color:** Discreet and blends well with outdoor settings.

- **Tensile Strength:** Supports 500 N during installation and 125 N after installation, maintaining integrity under tension.
- **Bend Radius:** Minimum bend radius of 10 times the diameter after installation and 20 times during installation, providing flexibility in routing.
- **Insulation Thickness:** Nominal 0.5 mm, offering adequate protection for the internal fibers.

Technical Specifications

- **Material:** Polycarbonate
- **Tube Diameter:** 2.00 ± 0.10
- **Max Diameter:** 20mm
- **Length:** 30m
- **Operating Temperature Range:** -20 ~ +70°C
- **Exterior Resistance:** UV
- **Material/Colour:** PE/Black
- **Thickness:** Nominal 0,5 mm
- **Crush Resistance:** 100N
- **Water Resistance:** 3 meters (24 hours)
- **Insulation Thickness:** 0.5 mm
- **Protection Rating:** IP68

Vertex Connect Fiber Optic Pigtail SM SC/APC 3 mm



The VertexConnect Fiber Pigtail Single-Mode is a high-quality, reliable component designed for various fiber optic network applications.

It features G657-A2 fiber, connectorized with SC/APC, and is available in different lengths to suit diverse installation requirements.

Product Description

- **Fiber Type:** G657-A2 single-mode fiber with a core diameter of 9 μm and cladding diameter of 125 μm .
- **Connector Type:** SC/APC connectors ensure low insertion loss and high return loss.
- **Insertion Loss:** Less than 0.3 dB, ensuring minimal signal degradation.
- **Return Loss:** Greater than 60 dB, providing excellent signal reflection performance.
- **Push-Pull System:** Rated for over 1,000 cycles, ensuring durability and longevity.

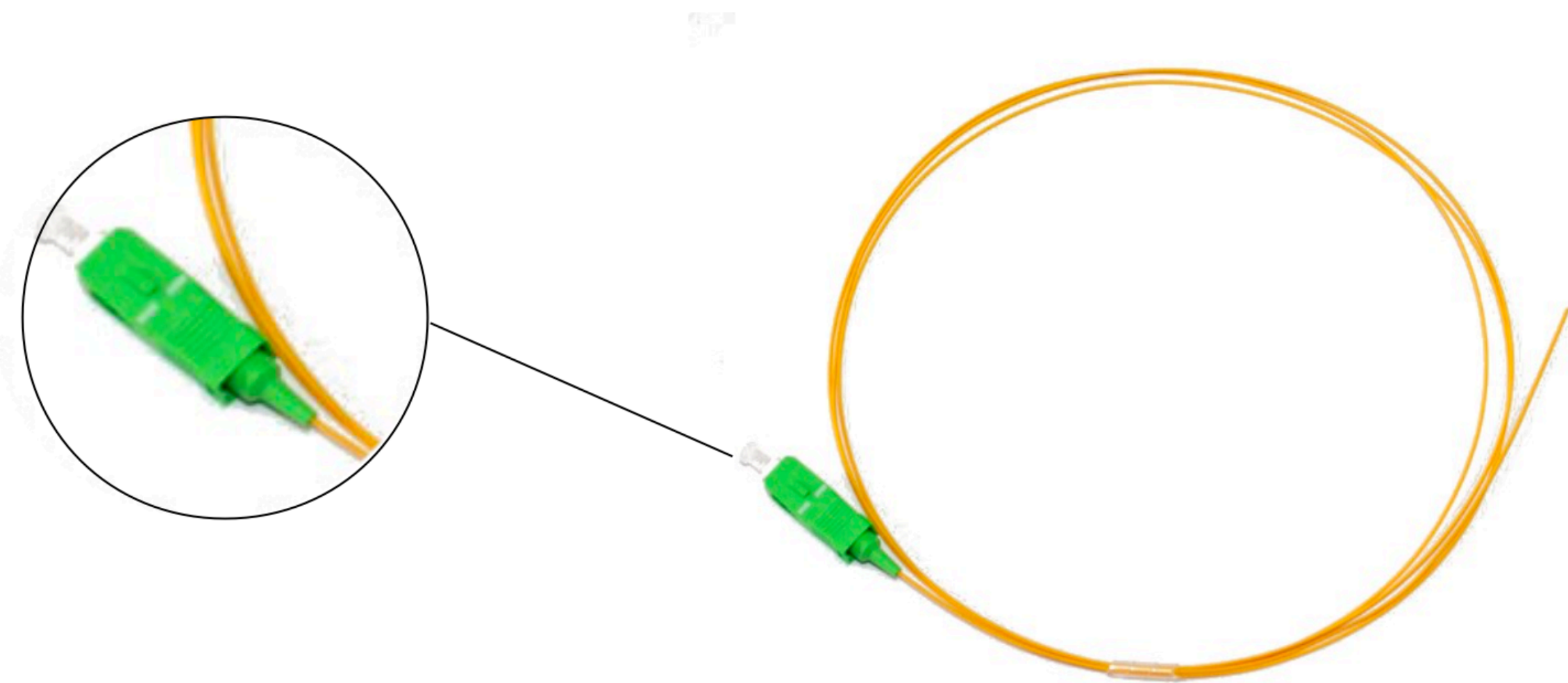
Application

- **FTTH:** Ideal for delivering high-speed internet to residential users.
- **CATV Systems:** Ensures reliable signal distribution for cable TV networks.
- **LAN and MAN:** Suitable for local and metropolitan area networks.
- **Digital Communication Systems:** Ensures high-quality digital signal transmission.
- **Compliance:** Meets ICT2 standards for fiber optic installations.

Technical Specifications

- **Fiber Type:** G657-A2 Single Mode
- **Core Diameter:** 9mm
- **Cladding Diameter:** 125mm
- **Cable Diameter:** 3mm
- **Length:** 1m, 2m, 20m
- **Insertion Loss:** < 0.3 dB
- **Return Loss:** > 60 dB
- **Operating Temperature Range:** -40 ~ +85°C
- **Insulation Thickness:** 0.5 mm
- **Humidity Resistance:** Withstands relative humidity of 93% at temperatures between +25°C and +65°C for 100 hours.

Vertex Connect Fiber Optic Pigtail SM SC/APC 0.9 mm



The VertexConnect Fiber Pigtail Single-Mode is a high-quality, reliable component designed for various fiber optic network applications.

It features G657-A2 fiber, connectorized with SC/APC, and is available in different lengths to suit diverse installation requirements.

Product Description

- **Fiber Type:** G657-A2 single-mode fiber with a core diameter of 9 μm and cladding diameter of 125 μm .
- **Connector Type:** SC/APC connectors ensure low insertion loss and high return loss.
- **Insertion Loss:** Less than 0.2 dB, ensuring minimal signal degradation.
- **Return Loss:** Greater than 50 dB, providing excellent signal reflection performance.
- **Push-Pull System:** Rated for over 1,000 cycles, ensuring durability and longevity.

Application

- **FTTH:** Ideal for delivering high-speed internet to residential users.
- **CATV Systems:** Ensures reliable signal distribution for cable TV networks.
- **LAN and MAN:** Suitable for local and metropolitan area networks.
- **Digital Communication Systems:** Ensures high-quality digital signal transmission.
- **Compliance:** Meets ICT2 standards for fiber optic installations.

Technical Specifications

- **Fiber Type:** G657-A2 Single Mode
- **Core Diameter:** 9mm
- **Cladding Diameter:** 125mm
- **Cable Diameter:** 0.9mm
- **Length:** 1m, 2m
- **Insertion Loss:** < 0.2 dB
- **Return Loss:** > 50 dB
- **Operating Temperature Range:** -40 ~ +85°C
- **Insulation Thickness:** 0.5 mm
- **Humidity Resistance:** Withstands relative humidity of 93% at temperatures between +25°C and +65°C for 100 hours.