

UniCam® Connector, SC



Corning UniCam® SC connectors offer optical performance in a fast, easy field-termination solution ideal for fiber-to-the-workstation applications where setup and teardown time is critical. The high-precision mechanical splice technology enables fiber optic networks to be installed quickly and cost effectively. Installation of an LC, SC or ST® compatible connector can be accomplished in about 50 seconds to one minute with the UniCam High-Performance Tool Kit.

The lightweight, handheld installation tool and high-performance precision cleaver virtually eliminate human variability during installation, ensuring terminations are right the first time, every time. This kit was designed with consideration for network installers, from the cleaver, with its intuitive, hand-held precision design and dual-clamp precision hold, to the installation tool, with its immediate go/no-go feedback signal indicating proper mating of the field fiber to the fiber stub. Installation is as easy as strip, clean, cleave, cam and crimp, with exceptional optical performance assured. Every UniCam® connector is assured to meet the published specification at the time of installation or Corning will replace it.

Features and Benefits

Performance guaranteed

100 percent yield guarantee

Broad operating temperature range (-40°C to +75°C)

Utility and flexibility

Factory-polished end face

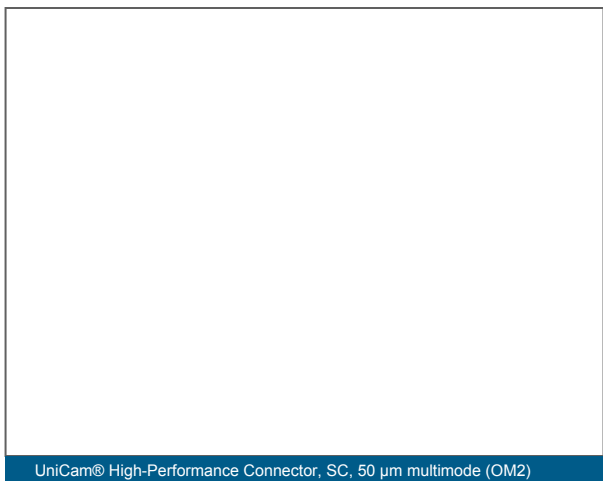
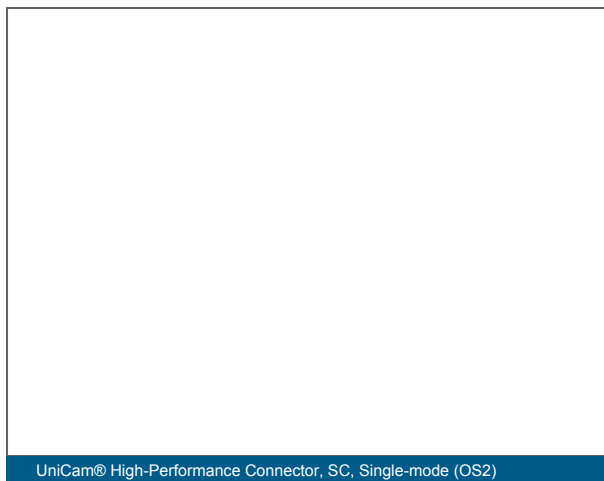
Consistent optical performance

Fast termination and no consumables

Low installation cost

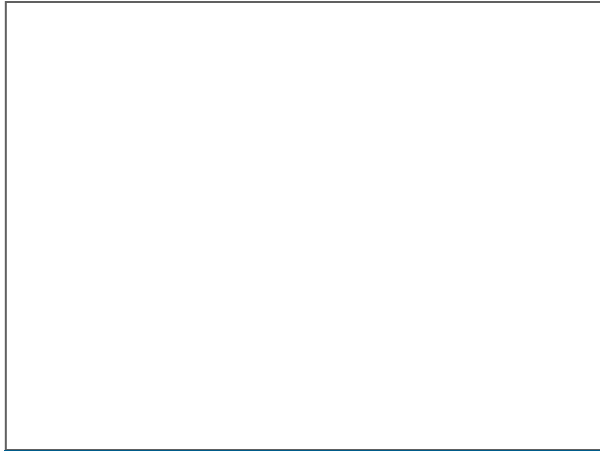
Minimum insertion loss

Optimum optical performance



UniCam® Connector, SC

CORNING



UniCam® High-Performance Connector, SC APC, Single-mode (OS2)

标准

| | |
|-------|------------------------|
| RoHS | 无有害物质根据RoHS 2011/65/EU |
| 认证和产品 | 通过 EIA/TIA 568-B.3 |

Specifications

一般规格

| | |
|---------|---------|
| 键控 (安全) | 没有 |
| 产品类型 | 现场安装连接器 |
| 技术 | 无胶水无研磨 |

环境条件

| | |
|----------|--------------------------------|
| 温度范围, 操作 | -40 °C - 75 °C (-40 F - 167 F) |
|----------|--------------------------------|

Design Connector

| Part Number | 连接器类型 | 配线箱材料 | 尾套颜色 | 配线箱颜色 |
|---------------|-------|-------|------|-------|
| 95-000-40 | SC | 复合材料 | 米黄色 | 米黄色 |
| 95-000-40-Z | SC | 复合材料 | 米黄色 | 米黄色 |
| 95-000-41 | SC | 复合材料 | 米黄色 | 米黄色 |
| 95-000-41-Z | SC | 复合材料 | 米黄色 | 米黄色 |
| 95-050-40 | SC | 复合材料 | 黑色 | 黑色 |
| 95-050-40-Z | SC | 复合材料 | 黑色 | 黑色 |
| 95-050-41 | SC | 复合材料 | 黑色 | 黑色 |
| 95-050-41-X | SC | 复合材料 | 水蓝色 | 黑色 |
| 95-050-41-X-Z | SC | 复合材料 | 水蓝色 | 黑色 |
| 95-050-41-Z | SC | 复合材料 | 黑色 | 黑色 |
| 95-200-41 | SC | 复合材料 | 蓝色 | 蓝色 |
| 95-200-41-Z | SC | 复合材料 | 蓝色 | 蓝色 |
| 95-200-44 | SC | 复合材料 | 绿色 | 绿色 |
| 95-200-44-Z | SC | 复合材料 | 绿色 | 绿色 |

Optical Specifications Connector

| Part Number | 光纤类别 | 插入损耗，典型 | 插入损耗，最大 | 反射 |
|---------------|------------------------|---------|---------|----------|
| 95-050-40 | 50 μm 多模 (OM2) | 0.3 dB | 0.75 dB | ≤ -26 dB |
| 95-050-40-Z | 50 μm 多模 (OM2) | 0.3 dB | 0.75 dB | ≤ -26 dB |
| 95-050-41 | 50 μm 多模 (OM2) | 0.1 dB | 0.5 dB | ≤ -26 dB |
| 95-050-41-Z | 50 μm 多模 (OM2) | 0.1 dB | 0.5 dB | ≤ -26 dB |
| 95-050-41-X | 50 μm 多模 (OM3/ OM4) | 0.1 dB | 0.5 dB | ≤ -26 dB |
| 95-050-41-X-Z | 50 μm 多模 (OM3/ OM4) | 0.1 dB | 0.5 dB | ≤ -26 dB |
| 95-000-40 | 62.5 μm 多模 (OM1) | 0.3 dB | 0.75 dB | ≤ -26 dB |
| 95-000-40-Z | 62.5 μm 多模 (OM1) | 0.3 dB | 0.75 dB | ≤ -26 dB |

Optical Specifications Connector

| Part Number | 光纤类别 | 插入损耗，典型 | 插入损耗，最大 | 反射 |
|-------------|------------------|---------|---------|----------|
| 95-000-41 | 62.5 μm 多模 (OM1) | 0.1 dB | 0.5 dB | ≤ -26 dB |
| 95-000-41-Z | 62.5 μm 多模 (OM1) | 0.1 dB | 0.5 dB | ≤ -26 dB |
| 95-200-41 | 单模(OS2) | 0.2 dB | 0.5 dB | ≤ -55 dB |
| 95-200-41-Z | 单模(OS2) | 0.2 dB | 0.5 dB | ≤ -55 dB |
| 95-200-44 | 单模(OS2) | 0.4 dB | 0.75 dB | ≤ -60 dB |
| 95-200-44-Z | 单模(OS2) | 0.4 dB | 0.75 dB | ≤ -60 dB |

机械规格 - 连接器

| | |
|---------------|------------------------------------|
| 耐久性 | ≤ 0.2 dB 500 插拔, FOTP-21 |
| 标称光纤外直径 | 125 μm |
| 900 μm 光缆拉伸强度 | 4.9 N (1.1 lb) 变化 ≤ 0.2 dB, FOTP-6 |

Ordering Information

| Part Number | 每次交付的单元数 | 包装内容物 | 包装 |
|-------------|----------|--|------|
| 95-000-40 | 1/1 | Connector, shroud, crimp band, boot (900 μm), boot (3.0 mm) | 单个包装 |
| 95-000-41 | 1/1 | Connector, shroud, crimp band, boot (900 μm), boot (3.0 mm) | 单个包装 |
| 95-050-40 | 1/1 | Connector, shroud, crimp band, boot (900 μm), boot (3.0 mm), boot (2.0 mm) | 单个包装 |
| 95-050-41 | 1/1 | Connector, shroud, crimp band, boot (900 μm), boot (3.0 mm) | 单个包装 |
| 95-050-41-X | 1/1 | Connector, shroud, crimp band, boot (900 μm), boot (3.0 mm) | 单个包装 |

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| Part Number | 每次交付的单元数 | 包装内容物 | 包装 |
|---------------|----------|---|------|
| 95-200-41 | 1/1 | Connector, shroud, crimp band, boot (900 µm), boot (3.0 mm) | 单个包装 |
| 95-200-44 | 1/1 | Connector, shroud, crimp band, boot (900 µm), boot (3.0 mm) | 单个包装 |
| 95-000-40-Z | 25/1 | 25 connectors, 25 shrouds, 25 boots (900 µm) | 管理器包 |
| 95-000-41-Z | 25/1 | 25 connectors, 25 shrouds, 25 boots (900 µm) | 管理器包 |
| 95-050-40-Z | 25/1 | 25 connectors, 25 shrouds, 25 boots (900 µm) | 管理器包 |
| 95-050-41-X-Z | 25/1 | 25 connectors, 25 shrouds, 25 boots (900 µm) | 管理器包 |
| 95-050-41-Z | 25/1 | 25 connectors, 25 shrouds, 25 boots (900 µm) | 管理器包 |
| 95-200-41-Z | 25/1 | 25 connectors, 25 shrouds, 25 boots (900 µm) | 管理器包 |
| 95-200-44-Z | 25/1 | Connector, shroud, crimp band, boot (900 µm), boot (3.0 mm) | 单个包装 |



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