

REV.	DESCRIPTION	DATE
A		01-2015

## Standards

**Approval and Listings** Passed EIA/TIA 568-B.3

**Intermateability** Connectors are FOCIS compliant with TIA/EIA 604-10A and IEC61754-20



## Specifications

### General Specifications

Product Type	Field-Installable Connectors
Technology	No-Epoxy/No-Polish
Keyed	No
Corning Logo	Yes
Packaging	Single Pack
Fiber Category	62.5 μm MM (OM1)

### Temperature Range

Operation	-40 °C to 75 °C exceeding EIA/TIA 568-B.3 (-40 °C to 167 °C exceeding EIA/TIA 568-B.3)
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### Design - Connector A

Connector Type	SC
Ferrule	Ceramic
Housing Material	Composite
Housing Color	Beige
Boot Color	Beige

### Mechanical Specifications - Connector A

Durability	≤ 0.2 dB change by 500 rematings, FOTP-21
Tensile Strength Jacketed Cable	44 N, change ≤ 0.2 dB, FOTP-6 (10 lb, change ≤ 0.2 dB, FOTP-6)
Tensile Strength 900μ Cable	2.2 N, change ≤ 0.2 dB, FOTP-6 (0.5 lb, change ≤ 0.2 dB, FOTP-6)
Temperature Cycling	≤ 0.3 dB IL, -40° to +75°C, 21 cycles
Nominal Fiber Outer Diameter	125 μm

### Optical Specifications - Connector A

Insertion Loss, Typical	0.3 dB
Insertion Loss, Max.	0.75 dB
Reflectance	≤ -20 dB



Corning 95-000-41

ITEM NUMBER	31SC-11195			DRAWER	JL
TITLE	Corning 95-000-41 SC Fiber Optic Unicam Connector, 62.5/125, Pretium Ceramic Ferrule			CHECKED	
				APPROVED	
MATERIAL		SCALE			
REV.	A	UNIT	MM		
DRAWING NO:					
ID(NO.)	126				