

Standards

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

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

RoHS

REV.	DESCRIPTION	DATE
A		01-2015

Specifications

General Specifications

Product Type	Field-Installable Connectors
Technology	No-Epoxy/No-Polish
Keyed	No
Corning Logo	Yes
Packaging	Single Pack
Fiber Category	Single-mode (OS2)

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)
-----------	---

Design - Connector A

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

Mechanical Specifications - Connector A



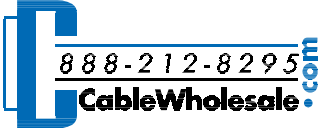
Durability	≤ 0.2 dB change by 500 rematings, FOTP-21
Tensile Strength Jacketed Cable	44 N, change ≤ 0.2 dB, FOTP-6 (10 lb, change ≤ 0.2 dB, FOTP-6)
Tensile Strength 900µ Cable	2.2 N, change ≤ 0.2 dB, FOTP-6 (0.5 lb, change ≤ 0.2 dB, FOTP-6)
Temperature Cycling	≤ 0.3 dB IL, -40° to +75°C, 21 cycles
Nominal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

Optical Specifications - Connector A

Insertion Loss, Typical	0.2 dB
Insertion Loss, Max.	0.5 dB
Reflectance	≤ -55 dB
Polish	UPC



Corning 95-200-41

ITEM NUMBER	31SC-01295			DRAWER	JL
TITLE	Corning 95-200-41 SC Fiber Optic Unicam Connector, 8.3/125, Pretium Ceramic Ferrule			CHECKED	
				APPROVED	
MATERIAL		SCALE		 	
REV.	A	UNIT	MM		
DRAWING NO:					
ID(NO.)	126				