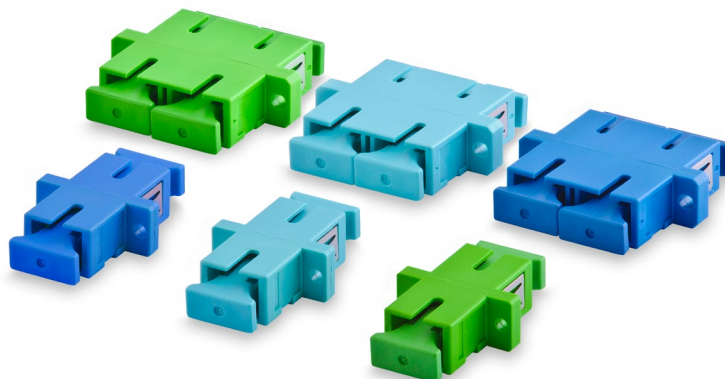# SIGNAMAX CONNECTIVITY SOLUTIONS

Product Specifications

SC Fiber Optic Adapters

KEY FEATURES

- Meets ANSI/TIA-568-C.3 component performance specifications

- FOCIS compliant adapters are color-coded per ANSI/TIA-568-C.3

- Snap-in designed retaining ring allows for quick installation

- Accommodates both multimode & singlemode versions

- Compatible with both the LGX and HD adapter plates and all fiber cassettes

ORDERING INFORMATION

PART NO.	DESCRIPTION
FA-SC-**DX**-ZR-**NF**-AQ	SC DX OM3 Flangeless Adapter, Aqua
FA-SC-**DX**-ZR-**NF**-VT	SC DX OM4 Flangeless Adapter, Violet
FA-SC-**DX**-ZR-**NF**-LG	SC DX OM5 Flangeless Adapter, Lime Green
FA-SC-**DX**-ZR-**NF**-BU	SC DX SM Flangeless Adapter, Blue
FA-SC-**DX**-ZR-**NF**-GN	SC DX SM APC Flangeless Adapter, Green

For Simplex adapter substitute **DX** for **SX** in P/N
For adapters with mounting flanges substitute **NF** for **MF** in P/N
Additional legacy connectors (OM1/2) available by request, contact customer service.

◾ SPECIFICATIONS

TRANSMISSION PERFORMANCE
ANSI/TIA-568-C.3: exceeds component specifications

TRANSMISSION MEDIA
Multimode: OM1, OM2, OM3, OM4, OM5
Singlemode: OS1, OS2
Insertion Loss: 0.30 dB Max
Return Loss: 0.55 dB Max UPC; 0.65 dB Max APC

ADAPTER FOOTPRINT
SC simplex and duplex

CONSTRUCTION
Adapter Housing: High-impact thermoplastic, UL94V-0 fire-retardant
Sleeve: Zirconia ceramic

MECHANICAL
Sleeve/Ferrule Withdraw Force:
  1.96 N (200 gf) (0.44 lbf) – 5.88 N (600 gf) (1.32 lbf)
Mating cycle life: Min 500 cycles

DIMENSIONS
Simplex NF: 1.07" L x 0.59" W x 0.37" H (27.4 mm x 15 mm x 9.4 mm)
Duplex NF: 1.07" L x 1.12" W x 0.37" H (27.4 mm x 28.5 mm x 9.4 mm)
Flanged: 0.86" (22 mm) SX; 1.36" (34.7 mm) DX

ENVIRONMENTAL CONDITIONS
Operating Temperature: -40 to 167 °F (-40 to 75 °C)
Storage Temperature: -40 to 185°F (-40 to 85°C)
Operating RH: 93% Max (non-condensing)

COMPLIANCE
ANSI/TIA-568-C.3, IEC 61754-20, GR-326; IEC 61754-4; Telcordia: GR-326-CORE; UL 94V-0

WARRANTY
5 - Year Limited Component

*Need more customization, contact tech support for a consult.

PSS-FA-SC_A-11-18

CONNECT WITH US