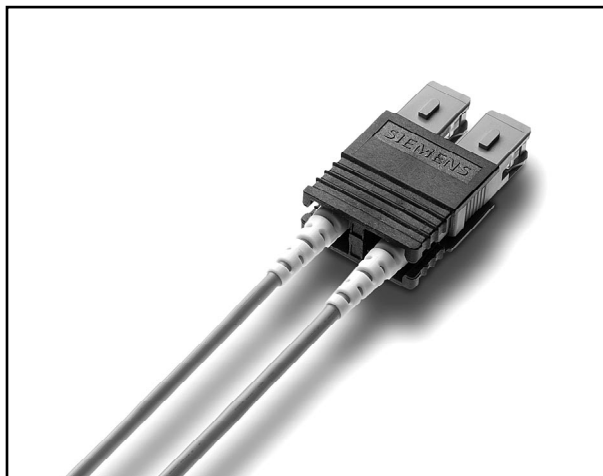




FEATURES

- Fully compatible with ANSI Fibre Channel Standard (ANSI X3T11, FDDI)
- Siemens SC duplex clamp is in accordance with ANSI standard
- Push-Pull design
- Multimode and single mode connectors available
- Keying for multimode and single mode
- Precision zirconia ferrules (free of corrosion, no abrasion)

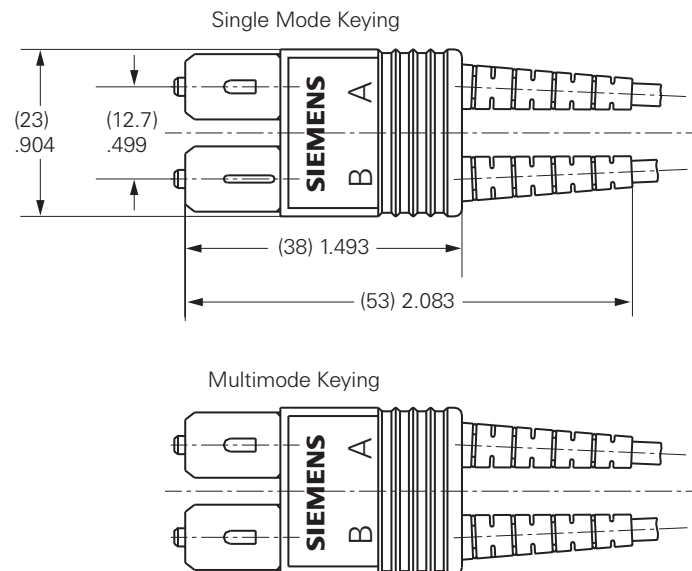
DESCRIPTION

The Siemens Duplex Jumper with SC duplex connectors is designed in accordance with ANSI Standards for Fibre Channel and Low Cost Fiber. The small dimensions of the duplex clamp guarantees a high packing density for transceiver modules on boards. The single mode keying features the small nose on the transmitter side. It prevents connection of a multimode connector to a single mode transmitter.

Absolute Maximum Ratings

Storage/Shipping Temperature	–40°C to 70°C
Storage/Shipping Humidity	5% to 95%
Operating Temperature	0°C to 70°C
Operating Humidity	8% to 95%
Cable Long Term Tensile Load	240 N
Cable-to-Connector Pullout Force	100 N
Bend Radius for Long-Term Installation at 75 N	50 mm
Cable Crush Resistance	750 N/cm
Flammability Class	
for Connector	min. UL 94 V-1
Connector Color	
multimode	blue
single mode	yellow
Cable Jacket Color	
multimode	orange
single mode	yellow

Dimensions in (mm) inches



TECHNICAL DATA

Parameter	Min.	Typ.	Max.	Unit
Core Diameter	9/50/62.5			µm
Ferrule	ZrO ₂ -Ceramic			
Ferrule Diameter	2.5			mm
Ferrule Angle APC-version	8/9			°
Insertion Loss		0.15/0.15/0.15	0.4/0.4/0.4	dB
Return Loss (Single Mode only)	≥35 40* 50* 60			
APC				
Mating Cycles	500	1000		
Operation Time	100.000			h
Reliability	20			fit
Attenuation	850 nm	—/2.6/2.8	—/3.5/3.75	dB/km
	1300 nm	0.5/0.8/0.8	1.0/1.5/1.5	
	1550 nm	0.4/—/—	0.75/—/—	
Bandwidth	850 nm	—/500/160		MHz
Length	1300 nm	—/500/500		x km
Product				
Zero Dispersion Wavelength	1300/—/—	1310/—/—	1322/—/—	nm
Zero Dispersion Slope			0.095/—/—	ps/(nm x km)
Dispersion (at 1285-1330 nm)			3.5/—/—	
Dispersion* (at 1550 nm)			19/—/—	

*On request.

PART NUMBERING SYSTEM FOR ORDERING SC DUPLEX JUMPERS

Part number

V	2	3	8	5	9	—					3	—				
---	---	---	---	---	---	---	--	--	--	--	---	---	--	--	--	--

Type

SC Duplex Jumper (FCS)

Identification digits for core

A = 9/125 μ m

B = 50/125 μ m

C = 62.5/125 μ m

Cable type

21 = Duplex Zipcord 3.0 x 6.0 mm Riser

25 = Duplex Zipcord 3.0 x 6.0 mm Plenum

27 = Duplex Zipcord 3.0 x 6.0 mm Halogen free

Connectors

0 = SC duplex – SC duplex

1 = SC duplex – FSMA (only multimode)

2 = SC duplex – DIN

3 = SC duplex – ST^I®

4 = SC duplex – ST^{II}®

5 = SC duplex – ESCON®

6 = SC duplex – FDDI

7 = SC duplex – FC/PC

8 = SC duplex – SC simplex

9 = SC duplex – mini BNG

Identification digit for cable length

A = m (1 ... 999 m)

B = cm (30 ... 999 cm, no full meters)

D = x 10 m (1000 ... 3000 m)

F = m + 0.5 m (1.5 ... 999.5 m)

T = 1000 m + (1001 ... 1999 m)

Cable length

PART NUMBERING SYSTEM FOR ORDERING IN THE U.S.

Part number

J	Z	—				S	S					C	P
---	---	---	--	--	--	---	---	--	--	--	--	---	---

Type

SC Duplex Jumper (FCS)

Identification digits for core

062=62.5/125 μ m

050=50/125 μ m

009=9/125 μ m

SC to SC Connector Jumper

Cable length in meters

e. g. 003 = 3 meters

Duplex Clip

Plenum

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