SBC-002-316-079
SBC Fiber Connector/Mode Policy Addendum for Application Services Approval for Use

This document is issued to cover the products and services that are approved for use that differ from the standard connector/mode in accordance with SBC-002-316-078, *SBC Fiber Connector/Mode Policy*.

TO: Network Planning and Engineering (Transport Equipment Engineer (TEE), Facility Equipment Engineer (FEE), Digital Transport Engineer (DTE), Maintenance Engineer, Space Planner, Frame Planner, Long Range Technical Planners), Circuit Provisioning, Outside Plant Engineering, Network Operations (LFO), Outside Plant Engineering, Special Services, Fundamental Network Planning and New Technology Introduction and Technology Resources Inc (TRI). This document is to be used internally within **SBC-13STATE** and their Authorized Vendors and have a limited distribution subject to the header/footer information.

Effective Date: January 1, 2003

Issue Date: January 1, 2003

Expires On: N/A

Related Documents: SBC-002-316-078, SBC Fiber Connector/Mode Policy

Superceded Documents: N/A

Issuing Department: Network Planning & Engineering (NP&E)

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1. Reasons for Revision

This section will be updated as new services and products are introduced into the PDP/NTI processes.

2. Introduction

This document is an addendum to SBC-002-316-078, *SBC Fiber Connector/Mode Policy* and will cover any products or applications that are different from the SC-UPC SingleMode delivery. This document will specify the product either in a production mode or in a development mode. The applications for these connector and mode types will be categorized in three groups; Central Office, Customer Premises and IXC Point of Presence (POP).

3. Approved SBC Central Office Terminations[1]

FiberOptic Connector	Approved for Use	Application
Biconic	Embedded existing Only, Not Going-Forward	Slow Speed up to OC-12
ST-UPC, SingleMode	Embedded existing Only, Not Going-Forward	High Speed/Manufacture Discontinued
SC-UPC, SingleMode	**Current SBC Standard**	**All Optical Services including all Collocation/UNE's**
LC-UPC, SingleMode	Network Terminations alternative requiring a Small Form Factor in the Central Office Only	High Density Services option on the Equipment face only (Standard choice will be the SC-UPC).
SC-APC, SingleMode	BPON using Analog Video Only	Fiber to the Home using Analog Video
MTP/MPU, SingleMode	Nortel OPtera Only-Not Standard-may be destandardized shortly	Multi-Fiber Split out with high loss
MultiMode (any connector type)	Not Approved for Use in the C.O.	Slow Speed, Short Distance Services

[1] The SBC Central Office is defined as the SBC controlled and owned location where SBC manages, assigns and provisions SBC services for customers. It is not at a Point of Presence (POP). If the SBC Central Office is located in the same overall structure with an Interexchange Carrier, the SBC Central Office is that portion of the overall structure owned, and managed by SBC exclusively; specifically not being a POP.

4. Approved Terminations for Customer Premises Locations[2]

FiberOptic Connector	Approved for Use	Application
Biconic	Embedded existing Only, Not Going-Forward	Slow Speed up to OC-12
ST-UPC, SingleMode	Embedded existing Only, Not Going Forward	High Speed/Manufacture Discontinued
SC-UPC, SingleMode	**Current SBC Standard**	**All Optical Services**
SC-UPC, MultiMode	Approved for Use with the following: GigaMan MON Point-to-Point MON Ring Ethernet over SONET Fibre Channel Ethernet over Network 10GigE DecaMAN	Slow Speed, Short Distance Services Availability: Now Availability: Now Availability: Dec 2002 Availability: 2nd QTR 2003 Availability: 2nd QTR 2003 Availability: Oct 2003 Availability: 1st QTR 2003 Availability: late 2003

5. Approved Term for Point of Presence IXC (POP) Carrier Sites Only[3]

FiberOptic Connector	Approved for Use	Application
Biconic	Embedded existing Only, Not Going-Forward	Slow Speed up to OC-12
ST-UPC, SingleMode	Embedded existing Only, Not Going-Forward, Approved for Use at POP Sites as defined in SBC-002-316-078 SBC Fiber Connector/Mode Policy for Access Services Only.	High Speed/Manufacture Discontinued
SC-UPC, SingleMode	**Current SBC Standard**	**All Optical Services**
SC-UPC, MultiMode	Approved for Use with the following: GigaMan MON Point-to-Point MON Ring Ethernet over SONET Fibre Channel Ethernet over Network 10GigE DecaMAN	Slow Speed Short Distance Services Availability: Now Availability: Now Availability: Dec 2002 Availability: 2nd QTR 2003 Availability: 2nd QTR 2003 Availability: Oct 2003 Availability: 1st QTR 2003 Availability: late 2003

[2] The Customer Premises is specifically not a Point of Presence (POP) or Collocation Site with an ILEC facility.
[3] The Interexchange Carrier POP is not a Customer Premises or defined as a SBC Central Office.

LC-UPC, SingleMode	Network Terminations alternative requiring a Small Form Factor Only Approved for Use at POP Sites as defined in SBC-002-316-078 SBC Fiber Connector/Mode Policy for Access Services Only.	High Density Services option on the Equipment face only (Standard choice will be the SC-UPC).
FC-UPC, SingleMode	Approved for Use at POP Sites as defined in SBC-002-316-078 SBC Fiber Connector/Mode Policy for Access Services Only.	High Speed Services

6. References

For further information or electronic copies of this document and related information, visit the internal SBC Local Exchange Carrier Web site: **http://ebiz.sbc.com/commonsystems** or **http://apex.sbc.com**

Document	Description	Issue & Date
SBC-002-216-074	SBC-Demarcation Policy for Access Services	Issue 2, June 2001
SBC-002-216-266	SBC-Turn-up and Test for FTTH	Issue 2, Nov 2002
SBC-002-316-043	SBC-FDF Frame Deployment M&P Replaces AM-915-890-953 effective Dec 2001 Replaces AM IL 95-07-017 effective Dec 2001	Issue 3, Dec 2001 Issue 4, Pending Dec 2002
SBC-002-316-053	SBC-Fiber Raceway Deployment M&P	Issue 3, Jan 2002
SBC-002-316-066	SBC-Breakout Bay Deployment in Support of the NORTEL OPTera Connect DX System	Issue 2. May 2002
SBC-002-316-072	SBC-BPON FTTH/FTTB Common Systems Provisioning	Issue 1, Jan 2003
SBC-002-316-078	SBC-Fiber Connector/Mode Policy	Issue 1, Jan 2003
SBC-002-316-079	SBC-Fiber Connector/Mode Addendum by Application Services Approved for Use	Issue 1, Jan 2003
SBC-002-203-001 Section 13	Infrastructure Deployment Guidelines, Transport, Wavelength Division Multiplexing (WDM)	June 2002
SBC-002-203-001 Section 12	Infrastructure Deployment Guidelines, Transport, Fiber Optic Splitters	June 2002
SBC-002-203-001 Section 4	Infrastructure Deployment Guidelines, Transport, Fiber Distribution Frames (FDF)	June 2002
SBC-C-500001-E-00	SBC-13STATE Fiber Raceway Drawings	Current
SBC-E-01110-E	SBC-13STATE Equipment Drawing for the Nortel OPTera Connect DX	Current
SBC-E-01110-W	SBC-13STATE Interconnection Drawing for the Nortel OPTera Connect DX	Current
SBC-E-00136-E	SBC-13STATE Fiber Cable Standards	Current
TP 76200MP-000	Network Equipment – Building Systems (NEBS)	Current
TP 76300MP-000	Installation Guide within the Central Office	Current
TP 76400MP-000	Detail Engineer Requirements for the C.O.	Current
TP 76500MP-000	Common Systems Standards for the SBC Communications Network	Current
F2.1731.01.053	SBC-TRI-BPON FTTH System and Architectural Overview	Jun 2001
RFQ2001000147	SBC RFQ for High Density-Fiber Distribution Frames	Nov 2001
SBC-PAN-2002-3001	SBC Standard for Fiber Jumpers & Attenuators	June 2002
PAN 20021030	SBC-Fiber Breakout Bay Product Approval Notice for the Nortel OPTera Connect DX Platform	Apr 2002
PAN 20011120	SBC-AIT Restricted Approval for AIT only with Sunset Clause for FMDF	Dec 2001
PAN 20021012	Fiber Management Tray (FMT) for Outside Plant	June 2002
PAN 19995259.0002	FDF OSP Panels with Tails/Stubs Standards	June 2002
PAN 19995259.0001	FMT Panels for Central Office Use	June 2002
PAN 19995259	Frames (FDF) and FiberOptic Apparatus	June 1999
PAN 19985043	Fiber Protection Systems (Raceways & Fiber Duct Work)	Aug 1998

BSP 800-003-150MP	SBC-Cable & Wire Installation for Cable Racks and (Fiber) Raceways	Issue 1, Sep 1998
SBC-NOT-000-000-473	SBC-Optical In-Line Attenuators for the FDF	Issue 1, June 2002
SBC-NOT-000-000-346	SBC-FMDF Restricted Use Approval with Sunset Clause Announcement	Dec 2001
FLASH-2001-015	SBC-Construction Support SC-ST Conv. in SWBT	Jun 2001
FLASH OSP-4/23/2002	SBC-Cleaner, Fiber Optic Connector Universal	Apr 2002
SO.520.99.043	TRI-Recommendation to Replace Biconic Connectors	Issue 1, Mar 1999
GR-449-CORE	Telcordia-Fiber Distribution Frames (FDF)	Issue 1, Dec 1999 Issue 2, Pending Jan 2003
ADCP-90-329	ADC-Fiber Breakout Bay Cable Routing Guide	Issue 3, Apr 2002
ADCP-95-007	ADC-FDF Interbay Cross-Connect Wiring Procedures	Jun 1999
ADC/Splitter & WDM Products	ADC-WDM Product Description	Issue 2, Jun 2001
ADC/AOFR	ADC-1310/1533/1557 Wavelength Division Mux/Demux	Issue 1, Aug 1996

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