



SPLICE ON CONNECTOR

The Tempo Communications Splice on Connector (SOC) provides a low loss, low reflectivity termination for use in FTT(x) and P2P networks. Splice on Connectors eliminate the need for a splice tray and promote a cleaner more orderly installation. Fiber lengths are easily determined preventing the technician from cutting the field fiber too short or too long. The fusion splice protector is located in the flexible strain relief/boot. The extended boot prevents the technician from inadvertently violating the minimum bend radius of the fiber thereby reducing the possibility of Macrobends from being made within the cabinet. The extended boot also provides the benefit of reusing the SOC if the fusion splicer failed to splice properly or if the cleaver failed to cleave the fiber properly. Up to three splicing attempts are possible which virtually eliminates the SOC from being wasted.

The Tempo Communications SOC can be used in any manufacturers fusion splicer as no special adapters or fixtures are required. The added benefit is that no specialized training is required.

With only three parts, the Tempo Communications provides a simpler and much faster termination process.

The SOC outperforms mechanical connectors with its low reflectivity and low insertion loss performance. Spliced fibers will not cause high loss at the connection point. Comparatively, two fibers butted together are prone to separating and causing high loss and reflectivity.



PRODUCT FEATURES

- Works with all fusion splicers - no special adapters required
- Only three parts compared to competitive products that have up to eight
- No splice tray required
- Up to three splicing attempts possible
- Extended boot provides added protection and prevents Macrobends

SC/APC	SC/UPC	LC/APC	LC/UPC
SC/PC OM1	SC/PC OM4	LC/PC OM1	LC/PC OM4

ORDERING INFORMATION

Sold in 10 packs.

CATALOG NUMBER	DESCRIPTION
SOCSCUPC-10	SC/UPC Singlemode Splice on Connector
SOCSCAPC-10	SC/APC Singlemode Splice on Connector
SOCSCPCOM1-10	SC/PC OM1 62.5µm Multimode Splice on Connector
SOCSCPCOM4-10	SC/PC OM4 50µm Multimode Splice on Connector
SOCLCUPC-10	LC/UPC Singlemode Splice on Connector
SOCLCAPC-10	LC/APC Singlemode Splice on Connector
SOCLCPCOM1-10	LC/PC OM1 62.5µm Multimode Splice on Connector
SOCLCPCOM4-10	LC/PC OM4 50µm Multimode Splice on Connector

SPECIFICATIONS

Connector Types	900 micron SC and LC (APC and UPC)
Fiber Types	Corning G.652, OM1 and OM4
Cable Types	250 and 900 micron
Insertion Loss - Singlemode	0.15dB, 0.3dB maximum
Insertion Loss - Multimode	0.1dB, 0.3dB maximum
Return Loss	(APC) : ≤ -65dB, (UPC)5M : ≤ -55dB, MM: ≤ -35dB (PC)
Number of splice attempts/reuse cycles	Three
Boot length	130mm
Operating and Storage Temperature	-40°C to + 75°C
*Compliance	GR-326

Tempo Headquarters:

Tempo Communications, Inc.
1390 Aspen Way, Vista, CA, 92081, USA
Phone: 800 642 2155

Latin America & Asia Pacific: Phone: +1 760 510 0558

EMEA: Phone: +44 (0) 1633 927050

e-mail: emeasales@tempocom.com

India & SAARC:

e-mail (sales): indiasales@tempocom.com

e-mail (technical): indiasupport@tempocom.com

SOC 09/23

Specifications subject to change without notice.

*Meets Telcordia GR-326-CORE pertinent ferrule geometry requirements for singlemode connectors. The Declaration of Conformity is available upon request.

TEMPO
COMMUNICATIONS

Renewed Vision. Innovation

