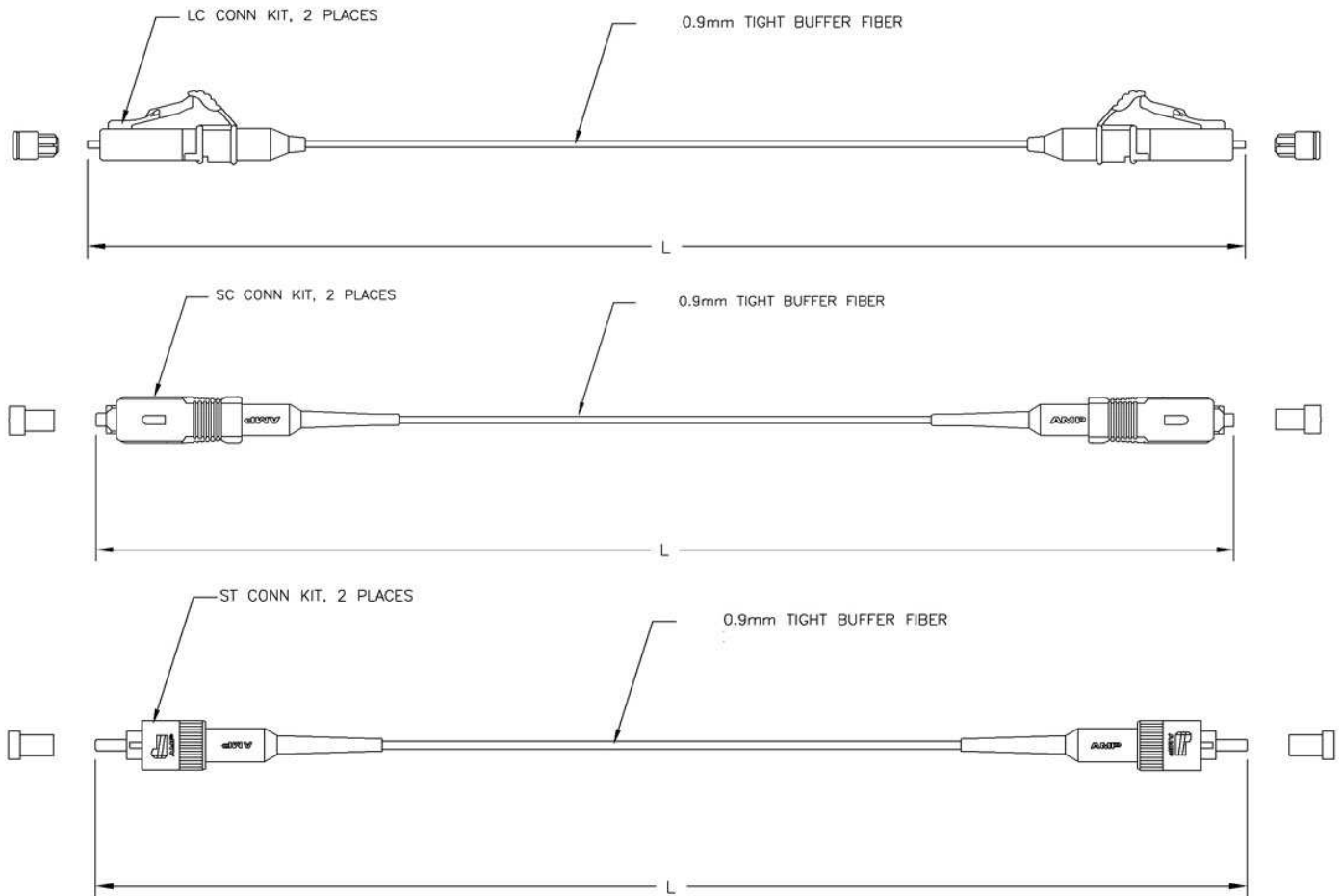


Fiber Optic Pigtail Cable Assemblies



2105001-X, 2105002-X, 2105003-X, 2105004 -X, 2105005-X, 2105006-X, 2105007-X,
2105008-X, 2105009-X, 2105010-X, 21050011-X, 2105012-X, 210568-X, 210569-X, 210570-X



Description

AMP NETCONNECT pigtail cable tight-buffered cables are designed and tested to conform to the fiber and cable performance requirements of the TIA/EIA 568-C, ISO/IEC 11801:2002 Standards. Accordingly, the cables meet or exceed all of the performance requirements for current and proposed applications such as IEEE 802.3 Ethernet (including 10 Gigabit Ethernet), ATM, Fiber Channel, FDDI and others. The cables are available in LSZH, and PVC rate. Fiber Optic Test Procedures (EIA/TIA-455 documents) and the test procedures of IEC 60793 and IEC 60794, IEC 62321, IEC 61300-2,-3 and Visual and Mechanical Inspection : FOTP-13 ,TIA/EIA-604-12, (FOCIS 12) for MT-RJ, FOTP-13 ,TIA/EIA-604-3 (FOCIS 3) for SC, FOTP-13, TIA/EIA-604-2 (FOCIS 2) for ST and FOTP-13, TIA/EIA-604-10, (FOCIS10) for LC, these cable assemblies are manufactured in the factory where the best processes, quality control and testing ensure the best performance and highest quality. Cable assemblies are available in various standard lengths, as well as custom lengths, with the same connector type at both end terminated. AMP Netconnect Pigtail optical fiber cable assemblies are cut a half length of cable in to 2 pigtails for one part number AMP Netconnect pigtail built and tested individually to ensure low light loss and years of dependable performance.

Specification (text in brackets [] requires a choice)

Pigtail fiber cables assemblies shall be factory-terminated using [62.5 micron multimode, 50 micron multimode, 50 micron 850nm laser optimized (XG) OM3, OM4, or single-mode cable OS2]. The cables shall utilize LC, SC, ST connectors with Pre-radiused ceramic ferrules. Pigtail optical fiber cables assemblies shall be AMP NETCONNECT part number as below [X indicates length as listed below].

Fiber Optic Pigtail Cable Assemblies



2105001-X, 2105002-X, 2105003-X, 2105004 -X, 2105005-X, 2105006-X, 2105007-X,
2105008-X, 2105009-X, 2105010-X, 21050011-X, 2105012-X, 210568-X, 210569-X, 210570-X

Part Numbers

Description	Part Numbers				
	62.5/125um (OM1)	50/125um (OM2)	50/125um (OM3)	50/125um (OM4)	Singlemode (OS2)
LC Pigtail 900um Tight Buffered LSZH	2105001-X	2105002-X	2105003-X	2105068-X	2105004-X
SC Pigtail 900um Tight Buffered LSZH	2105005-X	2105006-X	2105007-X	2105069-X	2105008-X
ST Pigtail 900um Tight Buffered LSZH	2105009-X	2105010-X	2105011-X	2105070-X	2105012-X
LC Pigtail 900um Tight Buffered PVC	2105013-X	2105014-X	2105015-X	-	2105016-X
SC Pigtail 900um Tight Buffered PVC	2105017-X	2105018-X	2105019-X	-	2105020-X
ST Pigtail 900um Tight Buffered PVC	2105021-X	2105022-X	2105023-X	-	2105024-X

X denotes length in meter: -1 = 1M, -2 = 2M, -3 = 3M

* one part number consist of 2 connectors at both end, pigtail length is a half of cable length.

Technical Details

Materials	
Ferrule –	Pre-radiused ceramic
Performance	
Insertion Loss –	
OM1	SC,ST ≤ 0.5 dB, LC , ≤ 0.3 dB
OM2	SC,ST ≤ 0.5 dB, LC , ≤ 0.3 dB
OM3, OM4	SC,ST,LC ≤ 0.3 dB
OS2	SC,ST ≤ 0.5 dB, LC ≤ 0.3 dB
Return Loss –	
>20 dB Multimode, >50 dB Singlemode	
Approval	
UL 1581, UL 1666,V0	For LSZH Cable rate
RoHS Compliant	

Specifications subject to change without notice.

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<http://www.ampnetconnect.com/thailand>

