

Preliminary Specification of COAXIAL CONNECTOR

Preliminary SPEC No. : NMM04-PL0003A
 Part Number : MXLAB3LA1000

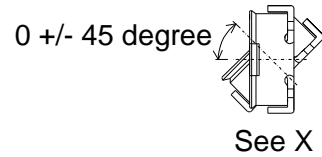
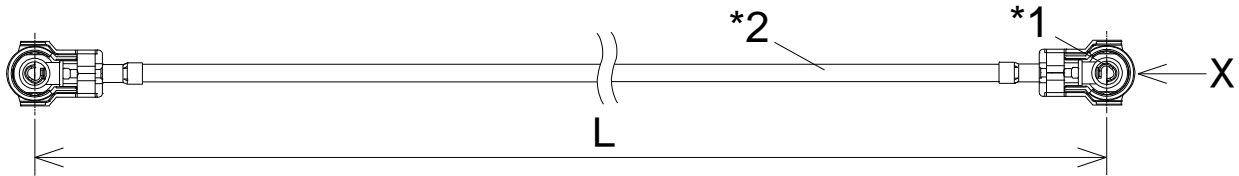
Written by H. Kitaguchi
 Checked by Y. Kurasawa
 Date 27/Dec./2013

Revised A: 11/Jul./16 KT

SPECIFICATION

1. MECHANICAL

A>



*1: Connector: LSC right angle plug connector
 *2: Cable

Scale: Free
 Tolerances Unless
 Otherwise Specified +/- 0.3
 Unit: mm

L
100 +/- 3

2. CABLE :

Item	Specification
2.1 Voltage Rating	30V r.m.s. maximum
2.2 Nominal Frequency Range	DC to 6 GHz
2.3 Nominal Impedance	50Ω
2.4 Temperature Rating	-40°C to +85°C
2.5 Used Cable	0.2D Single shield PFA cable

Item	Unit	Construction
Inner conductor	Material	-
	No. and Dia.	(No./mm)
	Total Dia.	(mm)
Insulator	Material	-
	Total Dia.	(mm)
Outer conductor	Material	-
	Dia. of wire	(mm)
Sheath	Material	-
	Nominal thickness.	(mm)
Overall Dia.	(mm)	
Minimum Bending Radius	(mm)	
Nominal Insertion loss	dB/m at 1GHz	
	dB/m at 2GHz	
	dB/m at 3GHz	
	dB/m at 4GHz	
	dB/m at 6GHz	



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3. NOTE

A> Use tool part# M19608.

The connector to be engaged and disengaged should be inserted or pulled out to the vertical direction.

4.  CAUTION

Limitation of Applications

Please do not use our products for the applications listed below which require specially high reliability for the prevention of defects which may directly or indirectly cause damage to the third party's life, body or property.

- (1) Aircraft equipment
- (2) Aerospace equipment
- (3) Undersea equipment
- (4) Power plant control equipment
- (5) Medical equipment
- (6) Transportation equipment (vehicles, trains, ships, etc.)
- (7) Traffic signal equipment
- (8) Disaster prevention / crime prevention equipment
- (9) Data-processing equipment
- (10) Application of similar complexity and/or reliability requirements to the applications listed in the above.