

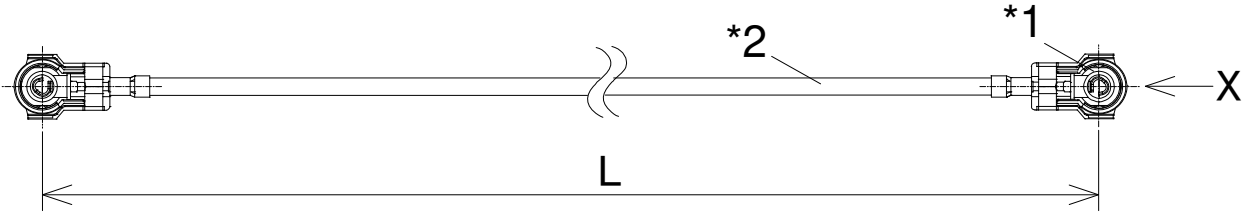
Preliminary Specification of COAXIAL CONNECTOR

Preliminary SPEC No. : NMM04-PL0185
 Part Number : MXLF56LF1000

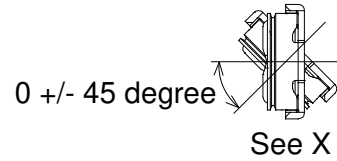
Written by I.Gan
 Checked by T. Kuriyama
 Date 28/Jul./2016

SPECIFICATION

1. MECHANICAL



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



L
100 +/- 3

Scale: Free
 Unit: mm

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	0.3D 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

Use tool part# M19603 or M19607.

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.