

Preliminary Specification of COAXIAL CONNECTOR
Preliminary SPEC No. : NMM04-PU0049A
Part Number : MM126525

 04-PU0049A
 Checked by
 M.Atokawa

 26525
 Date
 05/Aug./2014

 Revised A:14/Jan./'14 MA

Written by

H.Matsukawa

SPECIFICATION

1. MECHANICAL

This probe MM126525 is needed to measure Antenna side performance for manual measurement.

A>

RF
ANT
GROUND

1.6

21+/-0.2

6.35+/-0.2

3.15+/-0.2

1.6

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Scale: Free Tolerances Unless Otherwise Specified: +/-0.2 Unit: mm

Figure.1 Construction

SWH-2Way

2. RATING:

SMA-Female

Z. RATING:	
Item	Specification
Voltage Rating	30V r.m.s. maximum
Nominal Frequency Range	DC to 6GHz
Nominal Impedance	50Ω
Temperature Rating	-40°C to +85°C
Insulation Resistance	500 MΩ minimum
Withstanding Voltage	No evidence of breakdown
Initial Contact Resistance	70 m Ω max.
(without conductor resistance)	
Voltage Standing Wave Ratio (V.S.W.R.)	Meet the requirements of following spec.
	1.5 max. (DC ~3GHz)
	1.6 max. (3GHz ~6GHz)
Insertion loss	0.5dB max. (DC ~3GHz)
	0.9dB max. (3GHz ~6GHz)
Durability	2K cycles
Engage and disengage force.	a. Engagement 30N maximum
(Probe side only)	b. Disengagement 5N minimum
	20 N maximum