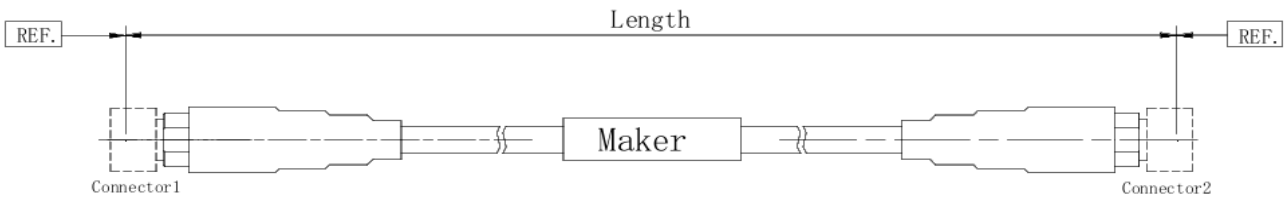


# Synergy Telecom P Ltd.

## N MALE TO SMA MALE WITH SLA520 CABLE



A widely application in microwave,wireless communication systems and the other electronic equipments.With the features of low loss,low VSWR,excellent shieding effectiveness light weight,excellent construction stability.

P/N	SY02NSMM04LN
Description:	N (Male) to SMA (male) With 1 Mtr lenght

Connector		
	Connector 1	Connector 2
Connector type	N Male	N MALE
Center conductor	Beryllium Copper Plated	Beryllium Copper Plated
Dielectric	PTFE	PTFE
Outer conductor	Stainless Still (Passivated)	Stainless Still (Passivated)

CABLE			
	PN	SLA520	
Inner conductor	Silver Plated Copper wire		1.29 mm
Insulation	PTFE		3.91 mm
Inner Shield	Silver Plated Copper Strip		4.15 mm
Outer Shield	Silver Plated Copper Wire		4.79 mm
Jacket	Blue FEP		5.20 mm

Cable Assembly	
Characteristic Impedance	50Ω
Operation Frequency	18 GHz
Capacitance	88 pF/m
Velocity of Propogation	76 %
Screening Effectiveness	> 90 dB
Dielectric With Standing Voltage	1000 V
Phase Change VS Bending	± 0.3
Minimum Bending Radius	20 mm

VSWR			
Insertion loss (dB max) @GHz	Freq(GHz)	dB/m (including connector)	Power handling (W)
	0.5	0.29	1068
	1.0	0.38	750
	2.0	0.49	526
	5.0	0.66	488
	8.0	0.91	255
	10.0	1.02	227
	18.0	1.35	145

Environment	
Operating Temperature	- 55 c + 140 c
ROHS	YES