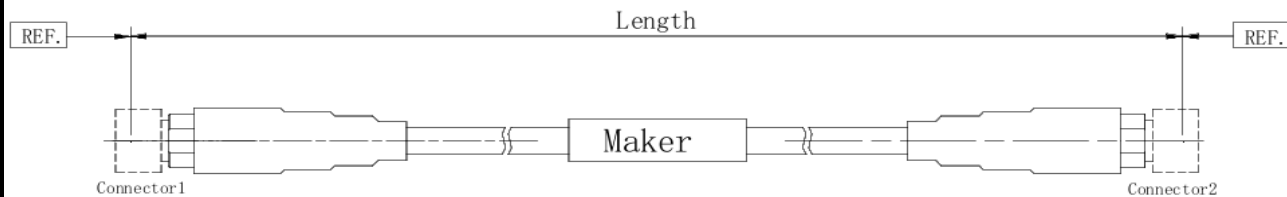


## 2.92MM MALE TO 2.92MM MALE WITH 1 MTR LENGHT



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.

<b>P/N</b>	SY0292MMST360040
<b>Description:</b>	<b>2.92MM (Male) to 2.92MM (male) With 1 Mtr lenght</b>

Connector		
	Connector 1	Connector 2
<b>Connector type</b>	2.92MM Male	2.92MM Male
<b>Center conductor</b>	Beryllium Copper Plated	Beryllium Copper Plated
<b>Dielectric</b>	PTFE	PTFE
<b>Outer conductor</b>	Stainless Steell (Passivated)	Stainless Steel (Passivated)

CABLE			
PN	SLA520		
<b>Inner Conductor</b>	Silver Plated Copper		0.91 mm
<b>Insulation</b>	PTFE		2.50mm
<b>Inner Shield</b>	Silver Plated Copper Strip		2.66mm
<b>Outer Shield</b>	Silver Plated Copper Wire		3.11mm
<b>Jacket</b>	Gray FEB		3.60mm

Cable Assembly	
<b>Characteristic Impedance</b>	50Ω
<b>Operation Frequency</b>	40 GHz
<b>Insertion Loss</b>	< 3 dB @40GHz
<b>Power Handling</b>	> 2 W
<b>Shielding Effectiveness</b>	> 90
<b>Insulation Resistance</b>	> 5000 Mohm
<b>Phase Stability Versus Bending</b>	± 0.3
<b>Amplitude Stability Versus Bending</b>	< + 0.2 dB
<b>Number of cable Flexures</b>	≥ 15000 flexures
<b>Static Bend Radius</b>	20mm
<b>Dynamic Bend Radius</b>	52mm

	VSWR		
	40 Ghz	1.40	
Insertion loss (dB max) @GHz	<b>Freq(Mhz)</b>	<b>dB/m (including connector)</b>	<b>Power Watt</b>
	500	0.29	723
	1000	0.38	509
	3000	0.66	291
	6000	0.94	203
	12400	1.37	139
	18000	1.67	115
	26400	2.05	93
40000	2.56	75	

Environment	
<b>Operating temperature range (°C)</b>	-55 °C + 165° C
<b>ROHS</b>	YES