

Dwg. Number	Customer P/N	Times P/N	Length(L) in 'mm'
IE-00411-01	-	MGS300-SMSM-1.0M	1000 +20/-0
IE-00411-02	-	MGS300-SMSM-2.0M	2000 +40/-0
IE-00411-03	-	MGS300-SMSM-2.5M	2500 +50/-0
IE-00411-04	-	MGS300-SMSM-3.0M	3000 +60/-0

1.0 Scope

This drawing documents the construction and performance of Maxgain 300 cable assemblies manufactured by Times Microwave systems.

2.0 Cable Information

- 2.1 Cable to be MAXGAIN 300
- 2.2 Jacket color to be Blue
- 2.3 Jacket material to be FEP
- 2.4 Nominal cable impedance to be 50 ohms
- 2.5 Cable diameter to be 7.98mm [0.314"] (Nominal).

3.0 Connector Information

3.1 Forward Connector

Type SMA (M) Straight Connector (SP052) Connector Body – Stainless Steel, Passivated Center Contact – Beryllium Copper, Gold Plated

3.2 After Connector Type SMA (M) Straight Connector (SP052) Connector Body – Stainless Steel, Passivated Center Contact – Beryllium Copper, Gold Plated

Unless otherwise spec- ified, dimensions are in MM. Tolerances are applicable when spec-		oprova	als			TIMES	MICROW	AVE SYSTEMS	
applicable when spec- ified.	Drawn	YA	10/20/22			www.timesmicrowave.com			
These drawings and specifications contain proprietary information	Checked				M			SEMBLY	
which is the property of	Approved			Size	(Space Assemblies)				
Times Microwave Systems.					CAGE CODE 68999		Drawing No.: IE-00411-XX		
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				Scale:	NA	Rev.	(A)	Sheet: 1 of 3	

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	Frequency rang Insertion loss &			w tabla				
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	Dwg. Numbe	r N	lax. Insertior @ 18		Max. V @ 180			
	IE-00411-01		1.2		1.2			
	IE-00411-02		2.0		1.2			
	IE-00411-03		2.6	4	1.2			
	IE-00411-04		2.8	6	1.2	5		
5.0 Mechan	ical Performan	ice						
5.1	Overall Length t	to be s	specified leng	th.				
5.2	Minimum Bend	radius	is 44.45mm	[1.750"].				
6.0 Environ	mental Perform	nance	•					
	Installation Tem	•	- ·		,			
	Storage Temper		- ,	,				
	Operating Temp	peratui	re Range (-55	o°C to +150°	C)			
7.0 Marking		ha hlar	ak taxt on M/b	ita Calar Ma	rkar Slaava			
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