

Dwg. Number	Customer P/N	Times P/N	Length(L) in 'inch'
IE-00412-01	-	IBS086-KMKM-6.0IN	6 +0.20/-0
IE-00412-02	-	IBS086-KMKM-8.0IN	8 +0.20/-0
IE-00412-03	-	IBS086-KMKM-10.0IN	10 +0.20/-0
IE-00412-04	-	IBS086-KMKM-12.0IN	12 +0.24/-0

1.0 Scope

This drawing documents the construction and performance of Instabend 086 cable assemblies manufactured by Times Microwave systems.

2.0 Cable Information

- 2.1 Cable to be INSTABEND 086
- 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 0.108" [2.74mm]

3.0 Connector Information

3.1 Forward Connector

Type 2.92mm (M) Straight Connector (SP120) Connector Body – Stainless Steel, Gold Plated Center Contact – Beryllium Copper, Gold Plated

3.2 After Connector

Type 2.92mm (M) Straight Connector (SP120) Connector Body – Stainless Steel, Gold Plated Center Contact – Beryllium Copper, Gold Plated

Unless otherwise spec- ified, dimensions are in INCH. Tolerances are applicable when spec-		TIMES MICROWAVE SYSTEMS							
ified.	Drawn	YA	10/21/22			www.timesmicrowave.com			
These drawings and specifications contain proprietary information	Checked								
which is the property of	Approved				(Space Assemblies)				
Times Microwave	Appioved			Size	CAGE CODE		Drawing	JNo.:	
Systems.				A	6899	99	IE-00412-XX		
				Scale:	NA	Rev.	(A)	Sheet: 1 of 3	

REV	DESCRIPTION							DATE BY			
A II	NITIAL RE								22	YA	
4.0		al Performan Frequency rar									
		Insertion loss	-		ow table.						
	Г			Max. Insertion			Max. VSV	VR			
		Dwg. Numb	er –	@ 40			@ 40GH				
	ŀ	IE-00412-0)1	1.4			1.40				
		IE-00412-0	2	1.7	78		1.40				
		IE-00412-0		2.1			1.40				
		IE-00412-0	4	2.4	15						
5.0		ical Performa									
		Overall Length		•							
	5.2	Minimum Ben	d radius	s is 0.25" [6.3	5mmj.						
6.0		mental Perfo				_					
		Installation Te	•	- ,		,					
		Storage Temp Operating Ter				,					
7.0	Marking		nperatu	ite i tange (o	5 0 10 1 12	5 0)					
7.0		Markers are to	be bla	ck text on Wh	nite Color N	larker Sle	eve.				
		Marker Config									
		Dwg. Num	ber	I	Marker 1						
	Times Microwave Systems										
		IE-00412-	·01	IBS086-KMKM-6.0IN \$\$\$\$\$							
					crowave S	_					
		IE-00412-	02	IBS086-KMKM-8.0IN							
				Times Mi	\$\$\$\$\$ crowave S	_					
		IE-00412-	03	Times Microwave Systems IBS086-KMKM-10.0IN							
					\$\$\$\$						
	Times Microwave Systems IE-00412-04 IBS086-KMKM-12.0IN										
	IE-00412-04 IBS086-KMKM-12.0IN \$\$\$\$\$										
		\$\$\$\$\$ = 5-dig				configura	ation.				
	7.4	Register to be	Mainta	ined for Seria	l Number.						
Jnless otherw	vise spec-										
fied, dimension		Approvals TIMES M						/ICROWA	VE SYS	STEMS	
NCH. Tolera applicable wh											
		Drawn	YA	10/21/22			WWV	w.timesmicro	owave.co	m	
fied.			.,,								
		Checked				INSTAR	SEND 086 CABLE ASSEMBLY				
These drawin		ICHECKEU I			(Space				Assemblies)		
These drawin specifications	contain	CHECKEU							/		
These drawin specifications proprietary inf which is the p	contain formation roperty of	Approved						D	1.		
These drawin specifications proprietary inf which is the p Times Mic	contain formation roperty of rowave					CAGE C		Drawing N		~	
These drawin specifications proprietary inf which is the p	contain formation roperty of rowave				Size A	CAGE C 6899			No.: 0412-X	x	
	contain formation roperty of rowave					6899		IE-0			

A INTIAL RELEASE 10/21/22 YA B INTIAL RELEASE 10/21/22 YA B All Dimensions are in INCH. 8.1 All Dimensions are in INCH. 8.2 Assemblies built in Class 100,000 clean room. B.1 All Dimensions are in INCH. 8.4 Unless Otherwise Specified: Tolerance will be, Image: Class 100,000 clean room. B.4 Unless Otherwise Specified: Tolerance 20 INCH 10/4 INCH 20.79 INCH 10/6 INCH 20.8 INCH **Tolerances are not accumulative. **Tolerances are not accumulative. TIMES MICROWAVE SYSTEMS INCH 10/21/22 TIMES MICROWAVE SYSTEMS Www.timesmicrowave.com These drawings and specifications contain, which is the property of three more wave. INSTABEND 086 CABLE ASSEMBLY (Space Assemblies) Size [CAGE CODE] Drawing No.:		THE RE	VISION STA	TUS OF	ALL SHEET	S OF TH	IIS DRAWI	NG IS TH	HE SAME A	S SHEET	1	
8.0 NOTES 8.1 All Dimensions are in INCH. 8.2 Assemblies built in Class 100,000 clean room. 8.3 Low outgassing materials per ASTM E595. 8.4 Unless Otherwise Specified: Tolerance will be, Intera Dimension Tolerance 2/20 INCH ±0.4 INCH 2/20 INCH ±0.4 INCH	REV			DE	SCRIPTION				DA	TE	BY	
8.1 All Dimensions are in INCH. 8.2 Assemblies built in Class 100,000 clean room. 8.3 Low outgassing materials per ASTM E595. 8.4 Unless Otherwise Specified: Tolerance will be, Linear Dimension 20.1NCH ±0.4 INCH 20.20 NCH ±0.4 INCH 20.79 INCH ±0.6 INCH >79 INCH ±0.8 INCH **Tolerances are not accumulative. **Tolerances are not accumulative.	A	INITIAL RE	LEASE						10/2	1/22	YA	
8.1 All Dimensions are in INCH. 8.2 Assemblies built in Class 100,000 clean room. 8.3 Low outgassing materials per ASTM E595. 8.4 Unless Otherwise Specified: Tolerance will be, Linear Dimension 20 INCH ±0.4 INCH 20.79 INCH ±0.6 INCH >79 INCH ±0.6 INCH >79 INCH ±0.8 INCH **Tolerances are not accumulative. **Tolerances are not accumulative.												
8.1 All Dimensions are in INCH. 8.2 Assemblies built in Class 100,000 clean room. 8.3 Low outgassing materials per ASTM E595. 8.4 Unless Otherwise Specified: Tolerance will be, Linear Dimension 20 INCH ±0.4 INCH 20.79 INCH ±0.6 INCH >79 INCH ±0.6 INCH >79 INCH ±0.8 INCH **Tolerances are not accumulative. **Tolerances are not accumulative.												
8.1 All Dimensions are in INCH. 8.2 Assemblies built in Class 100,000 clean room. 8.3 Low outgassing materials per ASTM E595. 8.4 Unless Otherwise Specified: Tolerance will be, Linear Dimension 20.1NCH ±0.4 INCH 20.20 NCH ±0.4 INCH 20.79 INCH ±0.6 INCH >79 INCH ±0.8 INCH **Tolerances are not accumulative. **Tolerances are not accumulative.												
Ified, dimensions are in INCH. Tolerances are applicable when spec- ified. Approvals TIMES MICROWAVE SYSTEMS www.timesmicrowave.com These drawings and specifications contain proprietary information which is the property of Times Microwave Tawn YA 10/21/22 INSTABEND 086 CABLE ASSEMBLY (Space Assemblies) Approved Size CAGE CODE Drawing No.:	8	8.1 / 8.2 / 8.3 8.4 -	Assemblies b Low outgassir Unless Otherv Linear Dime <20 INC 20-79 IN >79 INC	uilt in Clang mater wise Spe ension CH CH	ass 100,000 rials per AST ecified: Tolera ±0.4 IN ±0.6 IN ±0.8 IN	M E595. ance will nce ICH ICH ICH						
ified. These drawings and specifications contain proprietary information which is the property of Times Microwave Approved YA 10/21/22 INSTABEND 086 CABLE ASSEMBLY (Space Assemblies) Size CAGE CODE Drawing No.:	ified, dimensions are INCH. Tolerances a applicable when spe	sions are in	Ar			TIMES	MICROV	VAVE SY	STEMS			
specifications contain Checked INSTABEND 086 CABLE ASSEMBLY proprietary information (Space Assemblies) which is the property of Approved Size CAGE CODE Drawing No.:		/hen spec-	Drawn	YA	10/21/22	1		om				
which is the property of Times Microwave Size CAGE CODE Drawing No.:	specifications co proprietary infor which is the pro Times Microv	ns contain										
Systems. A 68999 IE-00412-XX		property of icrowave	Approved			-		CODE	Drawing	j No.:	X	
Scale: NA Rev. (A) Sheet: 3 of 3						Scale:	NA	Rev. ((A)	Sheet:	3 of 3	