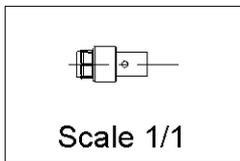
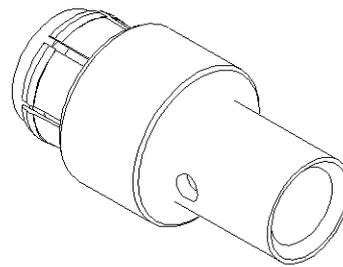
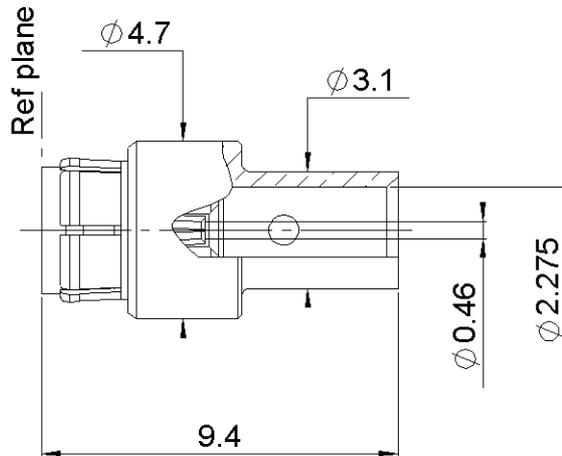


**STRAIGHT PLUG SOLDER TYPE**

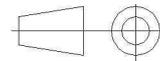
**R223.062.000**

**CABLE .085**

Series : MMBX



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING ( $\mu\text{m}$ )
BODY	BRASS	NPGR
CENTER CONTACT	BERYLLIUM COPPER	NPGR
OUTER CONTACT	BERYLLIUM COPPER	NPGR
INSULATOR	PTFE	
GASKET		
OTHERS PARTS		
-	-	-
-	-	-

Issue : 0736 B

In the effort to improve our products, we reserve the right to make changes judged to be necessary.



**STRAIGHT PLUG SOLDER TYPE**

**R223.062.000**

**CABLE .085**

Series : **MMBX**

**PACKAGING**

Standard	Unit	Other
<b>100</b>	<b>'W' option</b>	<b>Contact us</b>

**SPECIFICATION**

**ELECTRICAL CHARACTERISTICS**

Impedance		<b>50</b> Ω
Frequency		<b>0-12.4</b> GHz
VSWR	<b>1.22 +</b>	<b>0,0000</b> x F(GHz) Maxi
Insertion loss		<b>0.12</b> √F(GHz) dB Maxi
RF leakage	- (	<b>100</b> - F(GHz)) dB Maxi
Voltage rating		<b>250</b> Veff Maxi
Dielectric withstanding voltage		<b>750</b> Veff mini
Insulation resistance		<b>1000</b> MΩ mini

**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	1,50	0,00	0,00	0,00	0,00	0,00

Assembly instruction :

Recommended cable(s)  
RG 405

-  
Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly

Cable retention

- pull off **136** N mini  
- torque **NA** N.cm

**MECHANICAL CHARACTERISTICS**

Center contact retention		
Axial force – Mating end	<b>10</b>	N mini
Axial force – Opposite end	<b>10</b>	N mini
Torque	<b>NA</b>	N.cm mini

**TOOLING**

Part Number	Description	Hexagon
.	.	.
R282.051.000	STRIPPING TOOL	
R282.062.000	POINTER GAUGE	
R282.740.000	SOLDERING MOUNTING	

Recommended torque		
Mating	<b>NA</b>	N.cm
Panel nut	<b>NA</b>	N.cm
Clamp nut	<b>NA</b>	N.cm
A/F clamp nut	<b>0,0000</b>	mm

Mating life	<b>100</b>	Cycles mini
Weight	<b>0,4930</b>	g

**OTHER CHARACTERISTICS**

Interface MMBX only up to 2.5 GHz  
VSWR 1.04+0.01xF(GHz) : 0 at 6GHz  
VSWR 1.10+0.01xF(GHz) : 6 at 12.4GHz

**ENVIRONMENTAL**

Operating temperature	<b>-55/+155</b>	°C
Hermetic seal	<b>NA</b>	Atm.cm3/s
Panel leakage	<b>NA</b>	

Issue : **0736 B**

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**STRAIGHT PLUG SOLDER TYPE**

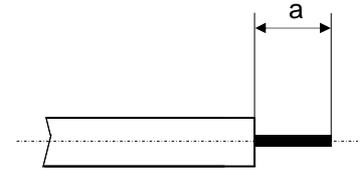
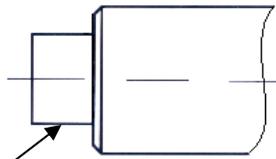
**R223.062.000**

**CABLE .085**

Series : MMBX

**COMPONENT**

**STRIPPING DIMENSION**



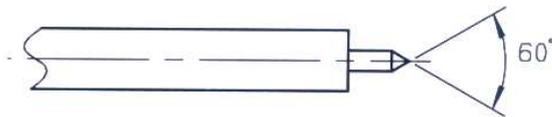
CONNECTOR BODY

We recommend a thermal preconditioning cable.

**1**

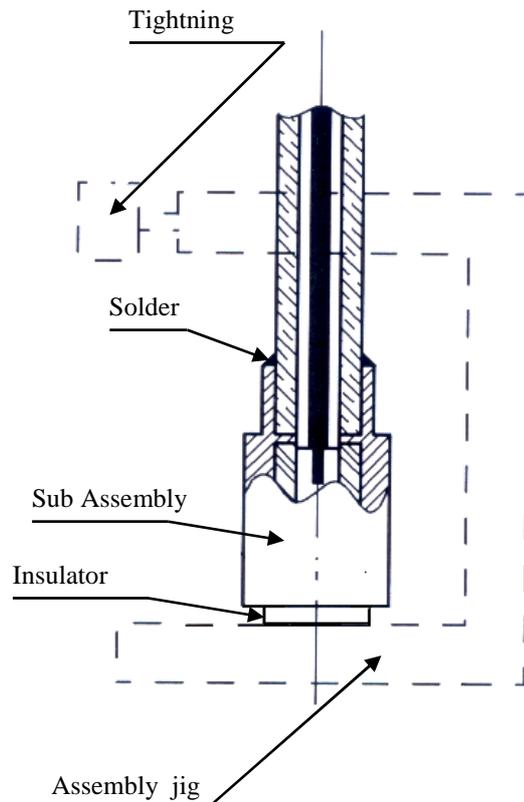
Strip the cable.  
Stripping tool : R282.051.000 .  
Positioner : R282.062.000 .

Trim cable center conductor.  
Trimmer : R282.062.000 .



**2**

Slide cable into connector body until it contacts the body shoulder.  
Place sub assembly into the assembly jig : R282.740.000  
Insulator bottoms against the assembly jig .  
Solder body onto cable.  
Let the assembly cool down before removing it from the jig.  
Clean the solder area.



**Issue : 0736 B**

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