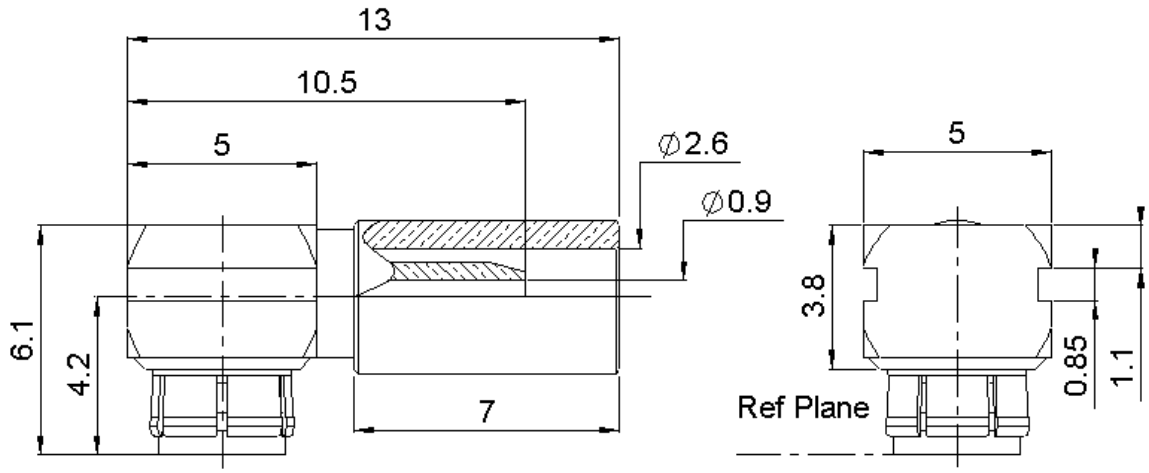
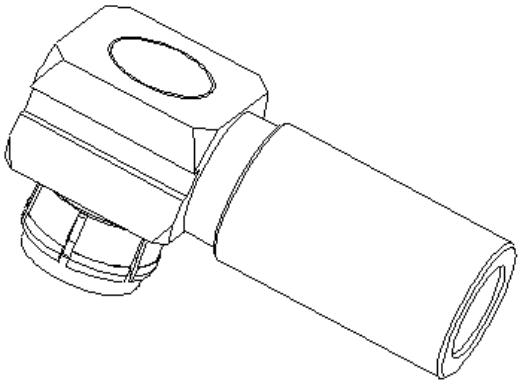
RIGHT ANGLE PLUG CRIMP TYPE

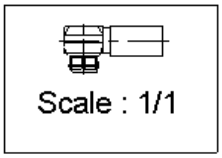
CABLE 2/50S

R223.181.000

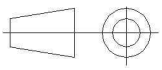
Series : **MMBX**







All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	**BRASS**	**NPGR**
CENTER CONTACT	**BERYLLIUM COPPER**	**NPGR**
OUTER CONTACT	**BERYLLIUM COPPER**	**NPGR**
INSULATOR	**PTFE**	
GASKET		
OTHERS PARTS	**BRASS**	
-	-	-
-	-	-

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RIGHT ANGLE PLUG CRIMP TYPE

CABLE 2/50S

R223.181.000

Series : **MMBX**

PACKAGING

Standard	Unit	Other
100	**'W' option**	**Contact us**

ELECTRICAL CHARACTERISTICS

Impedance		**50**	Ω
Frequency		**0-12.4**	GHz
VSWR	**1.22 +**	**0,0000**	x F(GHz) Maxi
Insertion loss		**0.18**	√F(GHz) dB Maxi
RF leakage	**- (**	**100**	- F(GHz)) dB Maxi
Voltage rating		**165**	Veff Maxi
Dielectric withstanding voltage		**500**	Veff mini
Insulation resistance		**1000**	MΩ mini

MECHANICAL CHARACTERISTICS

Center contact retention

Axial force – Mating end	**10**	N mini
Axial force – Opposite end	**10**	N mini
Torque	**NA**	N.cm mini

Recommended torque

Mating	**NA**	N.cm
Panel nut	**NA**	N.cm
Clamp nut	**NA**	N.cm
A/F clamp nut	**0,0000**	mm

Mating life	**100**	Cycles mini
Weight	**1,2640**	g

ENVIRONMENTAL

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

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	1,50	4,50	9,00	0,00	7,50	0,00

Assembly instruction :

Recommended cable(s)
RG 178
RG 196

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	**58**	N mini
- torque	**NA**	N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.235.905	CRIMPING DIES	3.3
R282.868.000	EXTRACTION ASSEMBLY TOOL	
R282.293.000	CRIMPING TOOL M22520/5-01	

OTHER CHARACTERISTICS

to 6 GHz
Interface MMBX only up to 2.5GHz

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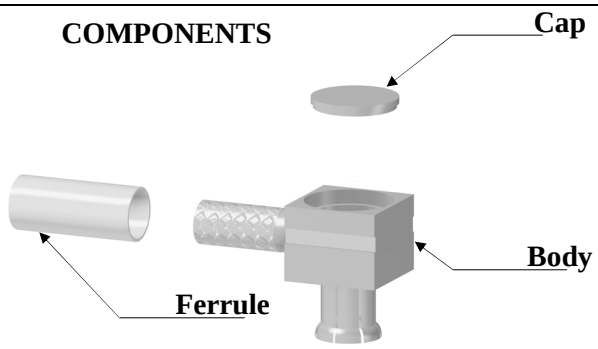
RIGHT ANGLE PLUG CRIMP TYPE

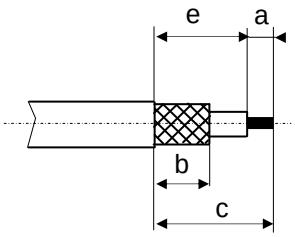
CABLE 2/50S

R223.181.000

Series : **MMBX**

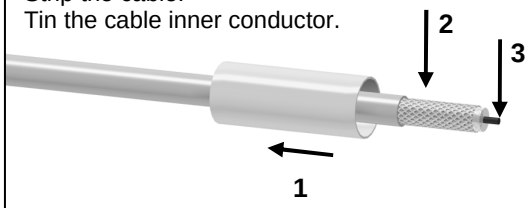
COMPONENTS





1

Slide the ferrule onto the cable.
Strip the cable.
Tin the cable inner conductor.



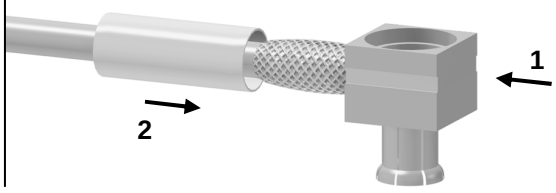
2

Fan the braid.



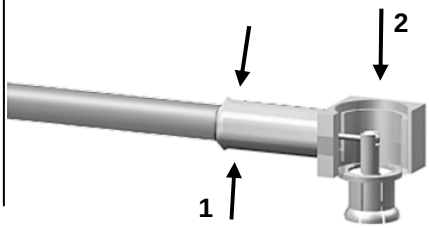
3

Push the connector body under the braid.
Slide the ferrule over the braid.



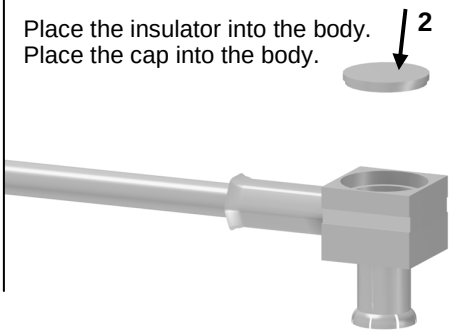
4

Crimp the ferrule with crimping tool (see connector TDS).
Solder the inner conductor.



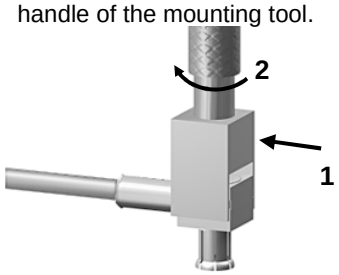
5

Place the insulator into the body.
Place the cap into the body.



6

Slide mounting tool R282.868.000 onto the body grooves.
Drive the cap into rear opening of body by rotating the handle of the mounting tool.



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