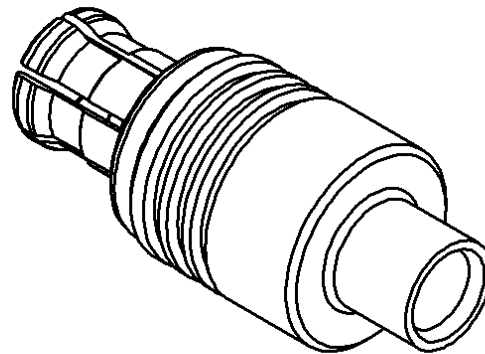
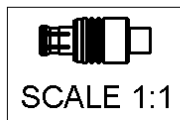
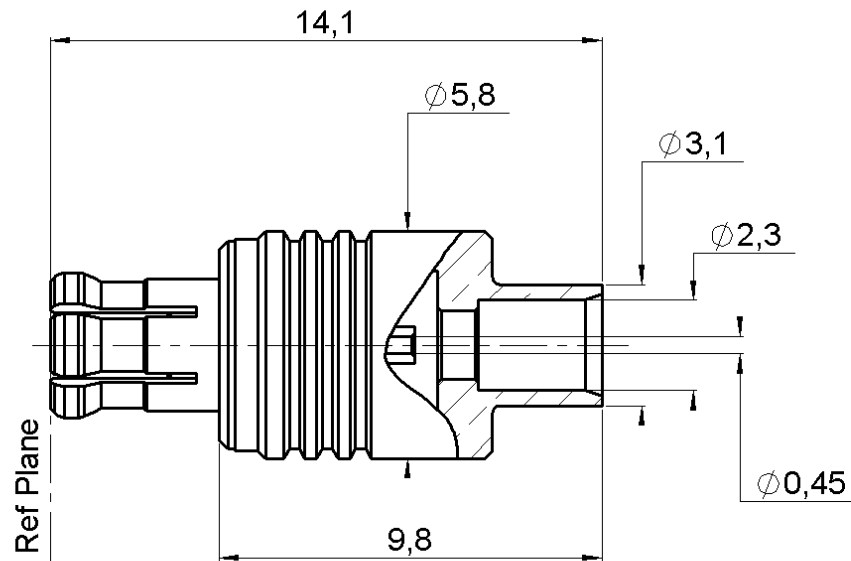


**STRAIGHT PLUG SOLDER TYPE**

**CABLE .085/75**

**R213.053.037**

Series : MCX 75



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
BODY	BRASS	BBR 2
CENTER CONTACT	BRASS	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL 2
INSULATOR	PTFE	
GASKET	-	-
OTHERS PARTS	-	-
-	-	-
-	-	-

Issue : 0633 A

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



**STRAIGHT PLUG SOLDER TYPE****CABLE .085/75****R213.053.037**

Series : MCX 75

**PACKAGING**

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

**ELECTRICAL CHARACTERISTICS**

Impedance	<b>75</b>	$\Omega$
Frequency	<b>0-6</b>	GHz
VSWR	<b>1.05 + 0,0200</b>	x F(GHz) Maxi
Insertion loss	<b>0.1</b>	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- ( <b>NA</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>	M $\Omega$ mini

**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

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>500</b> Cycles mini
Weight	<b>1,1600</b> g

**ENVIRONMENTAL**

Operating temperature	<b>-55/+115</b> °C
Hermetic seal	<b>NA</b> Atm.cm3/s
Panel leakage	<b>NA</b>

**SPECIFICATION****CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	2,40	0,00	0,00	0,00	1,70	0,00

Assembly instruction :

Recommended cable(s)  
UT 085-75-TP

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	<b>130</b> N mini
- torque	<b>NA</b> N.cm

**TOOLING**

Part Number	Description	Hexagon
.	.	.
R282.740.020	SOLDERING MOUNTING	

**OTHER CHARACTERISTICS**

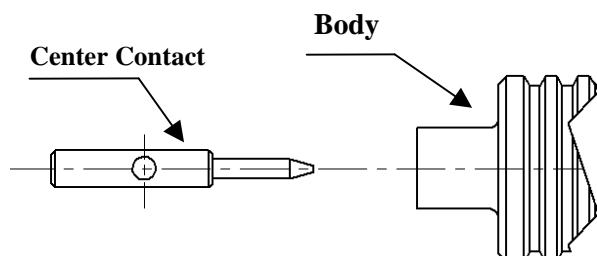
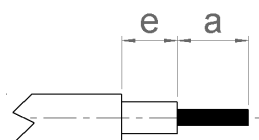
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**STRAIGHT PLUG SOLDER TYPE****CABLE .085/75****R213.053.037**

Series : MCX 75

**COMPONENTS****STRIPPING DIMENSIONS**

We recommend a thermal preconditionning cable.

**1**

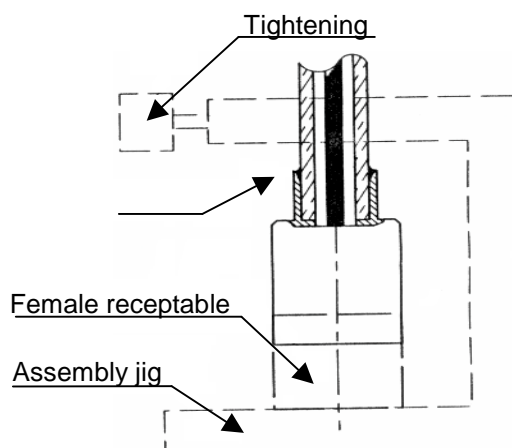
Cable stripping.

**2**

Tin centre contact solder pot.  
Solder centre contact on cable inner conductor.  
Clean solder.

**3**

Introduce cable into the connector body until contact with the body shoulder.  
Place the sub assembly into the assembly jig R282 740 020 (or equivalent).  
We advise to connect a female receptable to the connector prior to solder the body in order to respect right centre contact position.  
Tighten the sub assembly.  
Solder body on the cable.  
Let the assembly cool down before removing it from the jig.  
Clean solder.

**Issue : 0633 A**

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