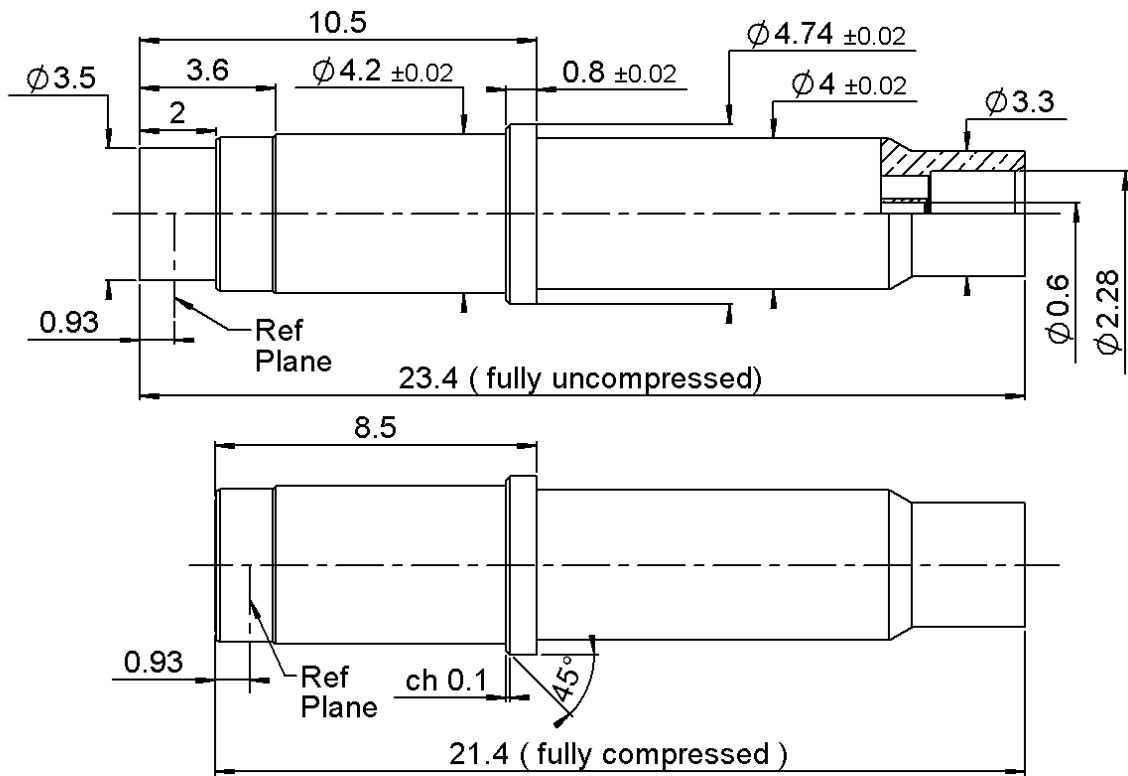
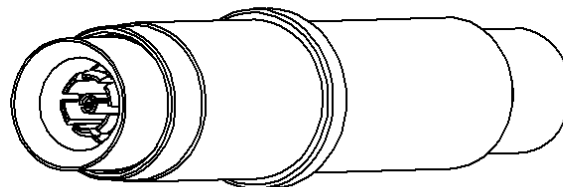
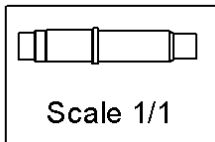


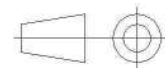
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- 1 - Pre-load : Uncompressed
Overall length : L 23.4
Pre-load = 9 N mini
- 2 - Maximum Compression = 2mm
Overall length : L 21.4
Pre-load = 14 N maxi



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
Body	BERYLLIUM COPPER	GOLD 0.5 OVER NICKEL 2
Center contact	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL2
Outer contact	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL2
Insulator	PEEK	
Gasket	-	
Others parts	BRASS	N2PGR
-	-	-
-	-	-

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PACKAGING

Standard	Unit	Other
100	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-18	GHz
VSWR	1.1 + 0,0050	x F(GHz) Maxi
Insertion loss	0.1	√F(GHz) dB Maxi
RF leakage	- (*80)	- F(GHz)) dB Maxi
Voltage rating	335	Veff Maxi
Dielectric withstanding voltage	1000	Veff mini
Insulation resistance	5000	MΩ mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	6.7	N mini
Axial force – Opposite end	6.7	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	500	Cycles mini
Weight	1,6000	g

ENVIRONMENTAL

Operating temperature	-55/+125	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	1,78	0	0	0	0	0

Assembly instruction:

We recommend a cable thermal preconditioning before assembly.

Recommended cable(s)

RG 405
.086

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		N.cm

TOOLING

Part Number	Description	Hexagon
R282051000	STRIPPING TOOL	
R282062000	POINTER GAUGE	
R282740020	SOLDERING MOUNTING	
R282740050		

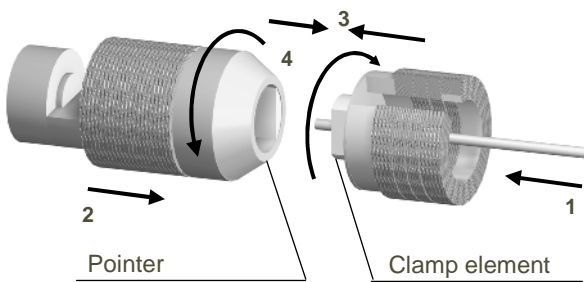
OTHER CHARACTERISTICS

***DC-3 GHz**
3 GHz to 26 GHz : -65 dB

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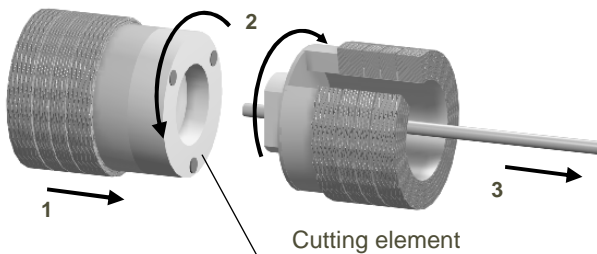
1

Insert the cable into the clamp element.
 Present the pointer in front of the clamp element.
 Push the cable until it stops, while holding the clamp element pushed on the hollow part of the pointer.
 Turn the clamp element until the release of the pointer.



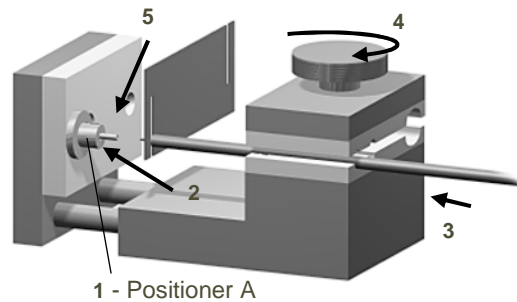
2

Present the cutting element in front of the clamp.
 Push and turn both elements, back part opposite to the front part.
 Once they reach the stop, pull without revolving.



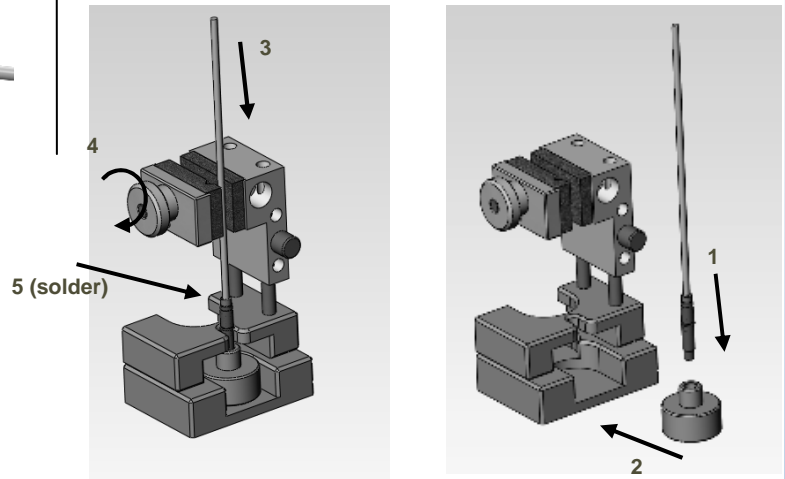
3

If necessary trim the inner of the cable with the pointer Gauge.
 Mount the positioner A.
 Slide the center contact into the positioner A.
 Insert the solder gauge between the sub-assembly insulator/center contact and the cable. The gap must be of 0.1 mm
 Tighten. Solder the center contact.



4

After cooling, remove the assembly from the jig.
 Put the connector into the clamp in compression
 Put the clamp into the support (in compression)
 Slide the cable into the connector until it bottoms against the soldering fixture.
 Lock the cable.
 Put three rings of solder around the cable and solder.



5

After cooling, remove the assembly from the tool.