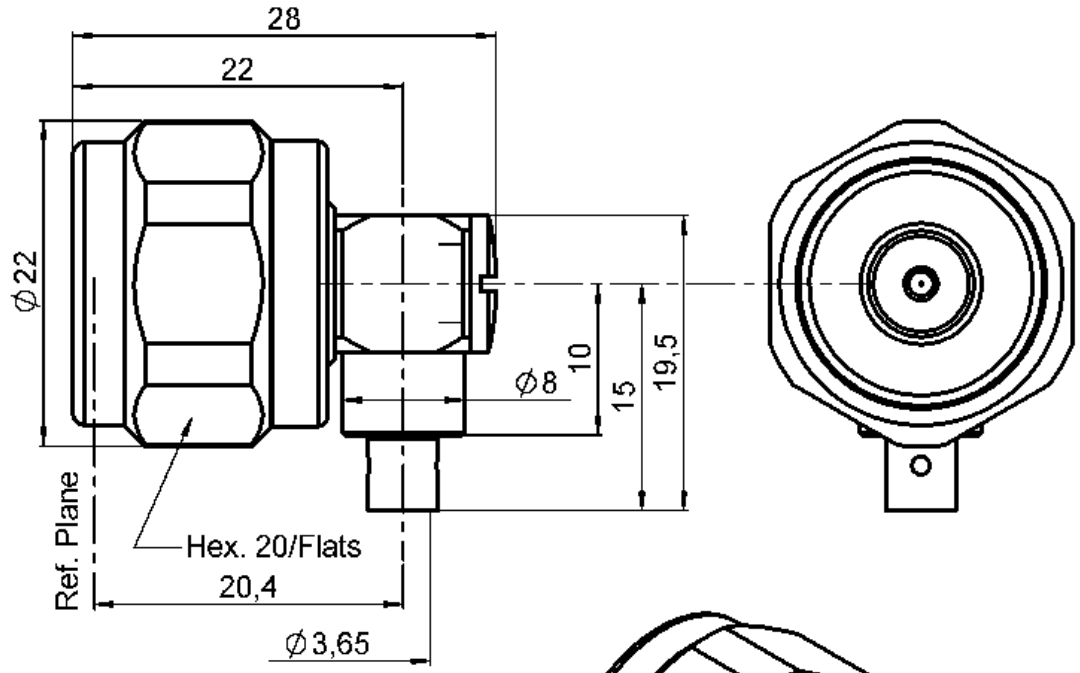
RIGHT ANGLE PLUG SOLDER TYPE

CABLE .141

R161.152.107

Series : **N**



Scale 1:1

All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING (µm)
BODY	**BRASS**	**BBR 2**
CENTER CONTACT	**BRASS**	**.GOLD 1.3 OVER NICKEL 2**
OUTER CONTACT	**BRASS**	**BBR 2**
INSULATOR	**PTFE**	
GASKET	**SILICONE RUBBER**	
OTHERS PARTS	**BRASS**	**BBR 2**
-	-	-
-	-	-

Issue : 0750 D

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RADIALL®

RIGHT ANGLE PLUG SOLDER TYPE

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PACKAGING

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

ELECTRICAL CHARACTERISTICS

Impedance		**50**	Ω
Frequency		**0-11**	GHz
VSWR	**1.10*** +	**0,0000**	x F(GHz) Maxi
Insertion loss		**0.07**	√F(GHz) dB Maxi
RF leakage	- (	**101**	- 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	**27**	N mini
Axial force – Opposite end	**27**	N mini
Torque	**NA**	N.cm mini
Recommended torque		
Mating	**170**	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	**30,7680**	g

ENVIRONMENTAL

Operating temperature	**-55/+105**	° C
Hermetic seal	**NA**	Atm.cm3/s
Panel leakage	**NA**	

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	9,00	3,00	0,00	0,00	0,00	0,00

Assembly instruction :

Recommended cable(s)
KS 2
SUCOFORM 141
HC80000-3
BELN 1673A
RG 402

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

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.740.030	SOLDERING MOUNTING	

OTHER CHARACTERISTICS

*Between 0-2GHz

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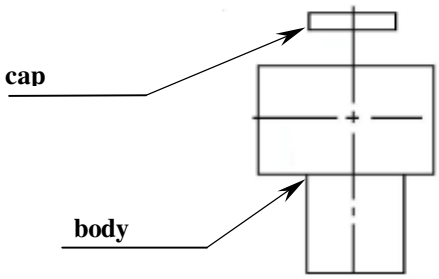
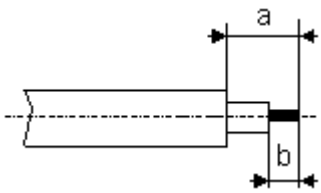
COMPONENT



STRIPPING CABLES



We recommend a thermal preconditionning cable

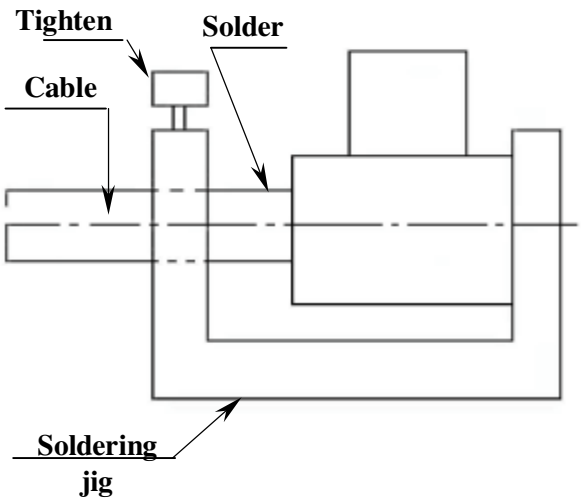
1

Strip the dielectric of the cable .
Clean the cable .

Temperature stoking do not exceed 250° max

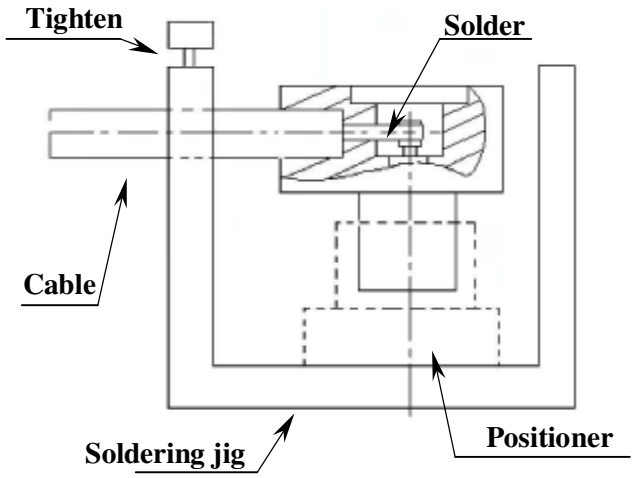
2

Slide cable and connector onto the soldering jig.
Slide cable into connector until it bottoms againts the body and tighten.
Solder the body onto the cable .



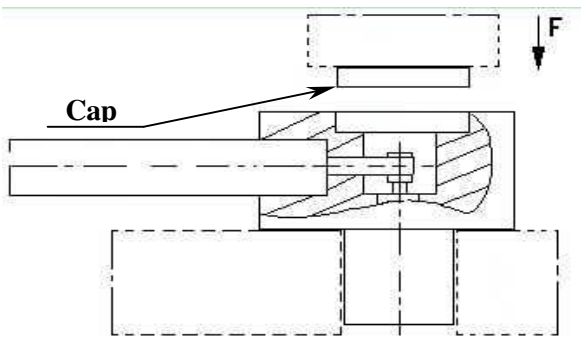
3

After cooling remove cable assembly from the jig .
Slide body into positioner until it bottoms againts the positioner .
Slide cable assembly onto the jig .
Tighten and solder the contact.
After cooling remove cable assembly from the jig.



4

Screw the cap until it bottoms againts the body .
(direction F)



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