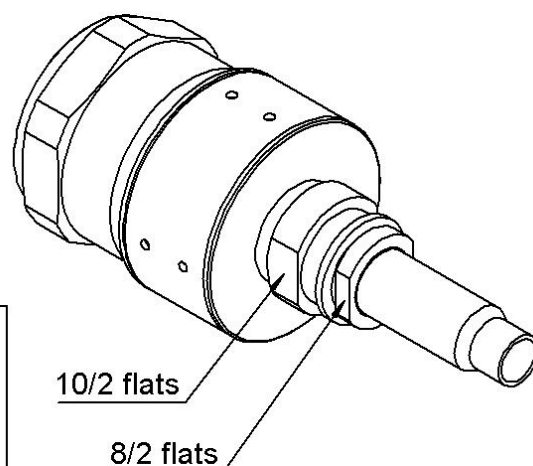
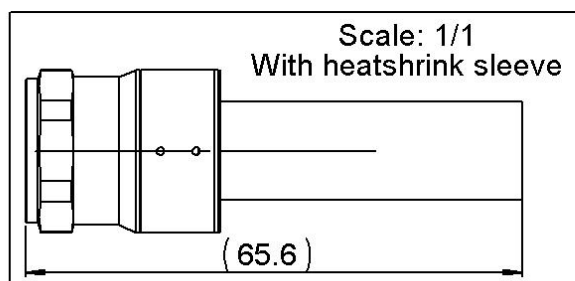
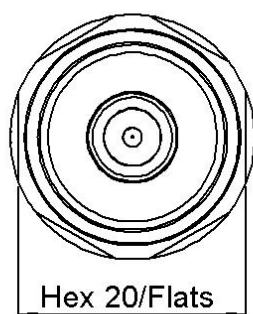
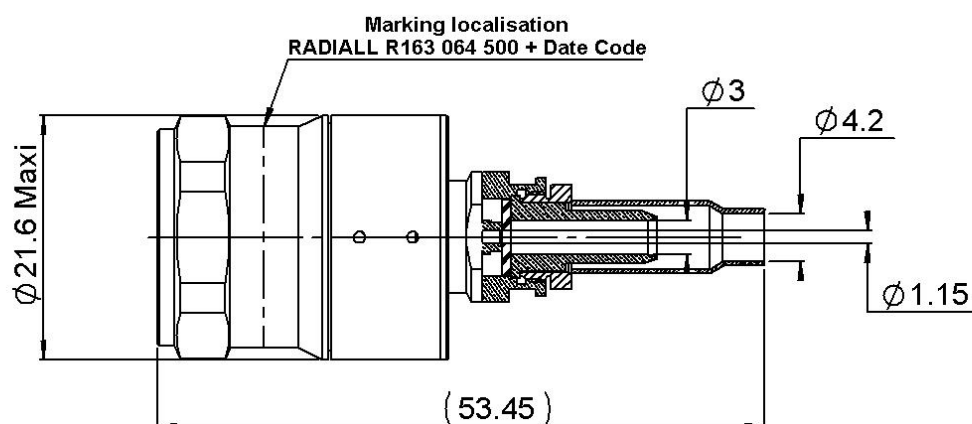


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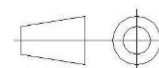
ISSUE
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SERIES N-18

PART NUMBER R163064500



All dimensions are in mm. Tolerances according ISO 2768 m-H



COMPONENTS	MATERIALS	PLATING (μm)
Body	BRASS.	NICKEL
Center contact	BRASS.	GOLD OVER NICKEL
Outer contact		
Insulator	PTFE	
Gasket	FLUOROSILICON	
Others parts	STAINLESS STEEL,BRASS	PASSIVATED , NICKEL
-	-	-
-	-	-

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ISSUE
17-11-21A

SERIES **N-18**

PART NUMBER **R163064500**

PACKAGING

Standard	Unit	Other
1	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-18	GHz
VSWR	1.3* + 0,000	x F(GHz) Maxi
Insertion loss	0.07*	√F(GHz) dB Maxi
RF leakage	- (55**	- F(GHz)) dB Maxi
Voltage rating	500	Veff Maxi
Dielectric withstanding voltage	1500	Veff mini
Insulation resistance	5000	MΩ mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	NA	N mini
Axial force – Opposite end	NA	N mini
Torque	NA	N.cm mini

Recommended torque		
Mating	192	N.cm
Panel nut	NA	N.cm
Clamp nut	170	N.cm
A/F clamp nut	8,000	mm

Mating life	250	Cycles mini
Nominal Weight (Add +15% for max weight)	46,700	g

ENVIRONMENTAL

Operating temperature	-65/+165	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	7,000	9,000	21,000	0,000	0,000	0,000

Assembly instruction:

Recommended cable(s)
EN 4604-006 WM

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	120	N mini
- torque	NA	N.cm

TOOLING

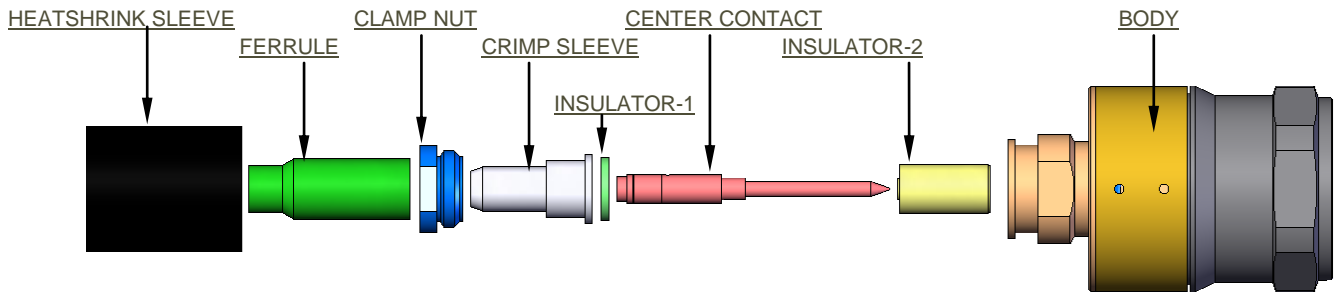
Part Number	Description	Other
282291	CRIMPING TOOL M22520/1-01	2x4 Points (Position 8)
R282589211	POSIT FOR TOOL M22520/1-01	
R282293000	CRIMPING TOOL M22520/5-01	
R282246000	CRIMPING DIES M22520/5-05	Hex : 5.41
R282223000	CRIMPING TOOL HEX 1.73-5.41-6.48	

OTHER CHARACTERISTICS

***DC-6Ghz**

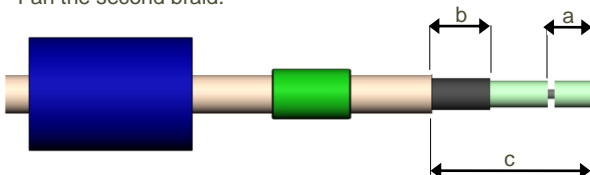
****DC-3Ghz**

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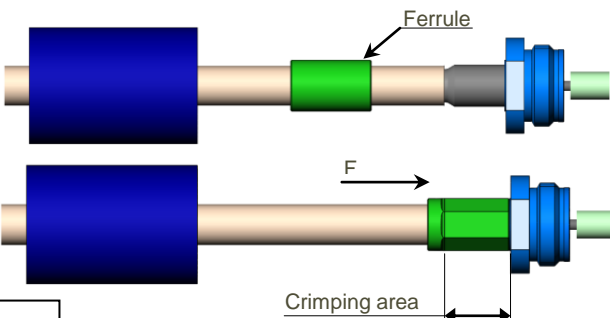
1

Slide onto the cable the heat shrink and the ferrule.
Strip the cable. Shift the dielectric on the inner conductor of the cable to 1 mm, and leave it in position.
Fan the first braid.
Cut the foil between the braids.
Fan the second braid.



2

Slide the clamp nut onto the crimp sleeve.
Fan the braid with needle to unbraid the cable.
Slide sub-assembly under the braid.
Slide ferrule over the braid against clamp nut (In direction F)
Crimp the ferrule with crimping tool + dies



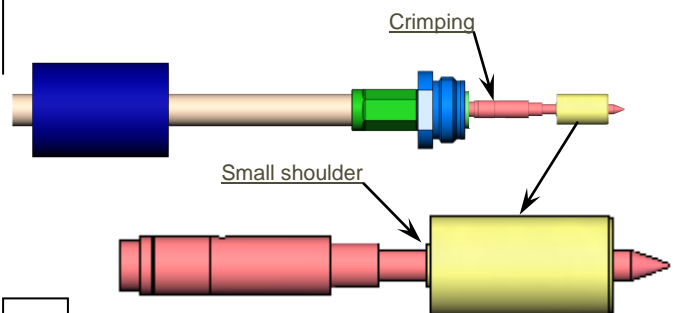
3

Remove the dielectric of cable, if necessary remove dielectric remains on the inner conductor of the cable.
Clean the face of the dielectric. Mount the insulator-1 against crimp sleeve.



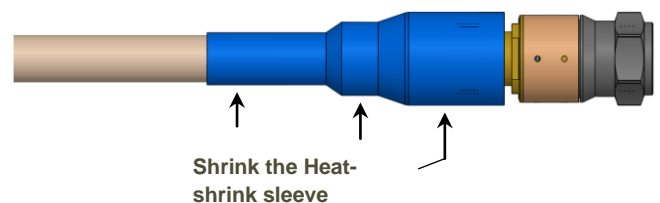
4

Slide the center contact onto the cable inner conductor against insulator-1
Crimp center contact with the crimping tool and the positioner
Mount the insulator-2 conform view below



5

Screw sub-assembly into the connector body.
Slide the sleeve over the ferrule and heat-shrink it in place.



NOTE:

The cable must be clamped at 30 cm maxi from the crimping area of the connector.

The nut must be tightened at the specific torque after clamping.