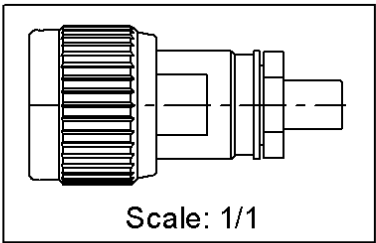
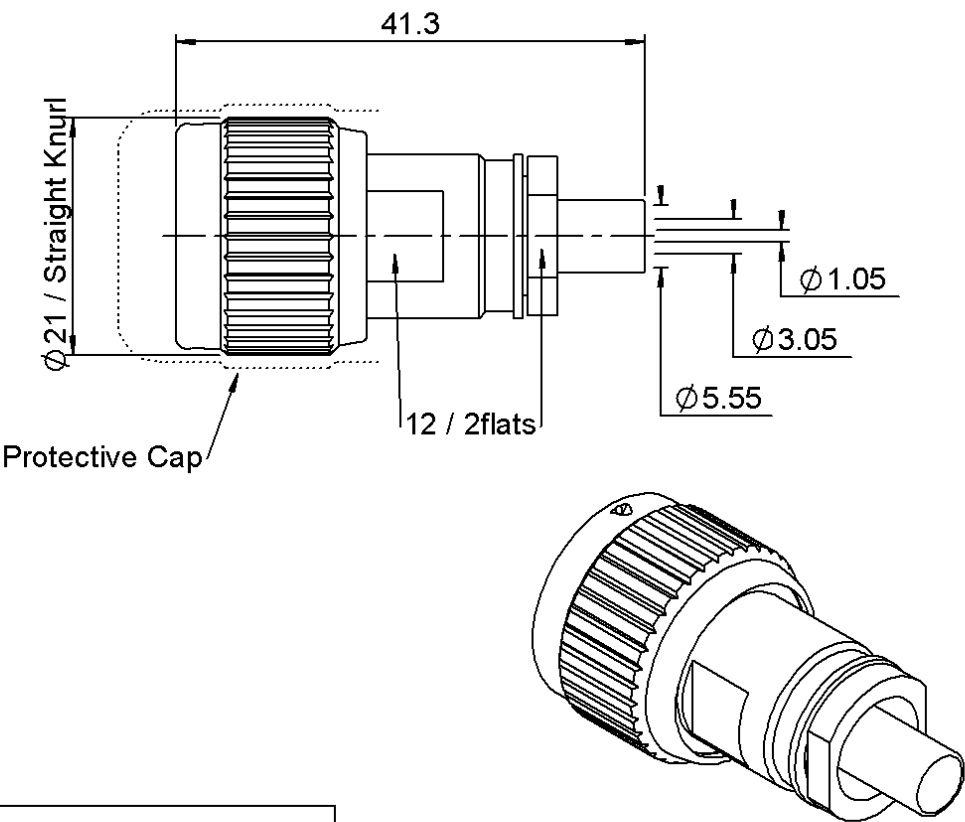
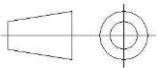


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All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
Body	BRASS	NICKEL
Center contact	BRASS	GOLD OVER NICKEL
Outer contact	BRASS	NICKEL
Insulator	PTFE	
Gasket	SILICONE RUBBER	
Others parts	BRASS	NICKEL
-	-	-
-	-	-

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SERIES **N**

PART NUMBER **R161092200**

PACKAGING

Standard	Unit	Other
50	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-3	GHz
VSWR	1.15 + 0,0000	x F(GHz) Maxi
Insertion loss	0.048	\sqrt{F} (GHz) dB Maxi
RF leakage	- (101	- F(GHz)) dB Maxi
Voltage rating	850	Veff Maxi
Dielectric withstanding voltage	1500	Veff mini
Insulation resistance	5000	M Ω 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	130	N.cm
Panel nut	NA	N.cm
Clamp nut	370	N.cm
A/F clamp nut	12,0000	mm
Mating life	500	Cycles mini
Weight	39,6170	g

ENVIRONMENTAL

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

SPECIFICATION

ASN-E0462 F01 - -

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	9	9	23	0	0	0

Assembly instruction:

Recommended cable(s)

RG 142 BU
RG 400
RG 223
KX 23
RG 142 FTX

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	200	N mini
- torque	NA	N.cm

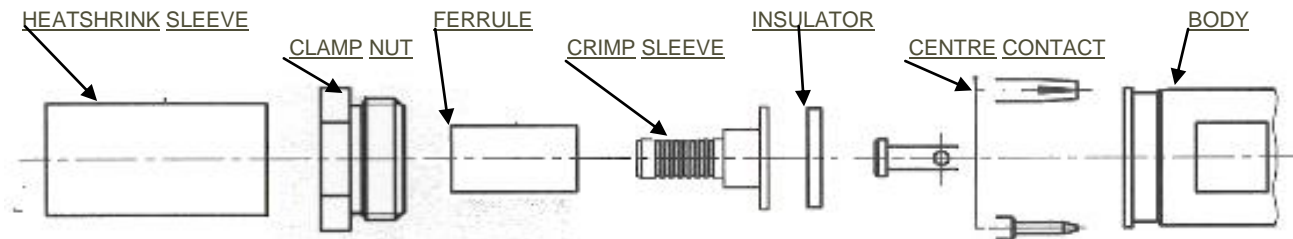
TOOLING

Part Number	Description	Hexagon
R282293000	CRIMPING TOOL M22520/5-01	-
R282235011	CRIMPING DIES M22520/5-11	5.41
Or - (ou)		
R282223000	CRIMPING TOOL	5.41
And - (et)		
282291	CRIMPING TOOL M22520/1-01	2x4 (pos. 7)
282997	POSITIONER FOR TOOL 282.291(M22520/1-13)	rouge

OTHER CHARACTERISTICS

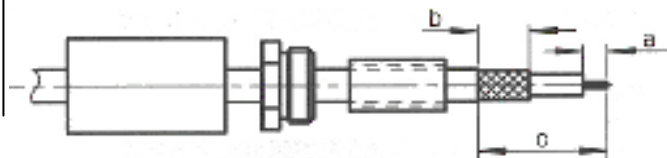
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COMPONENTS



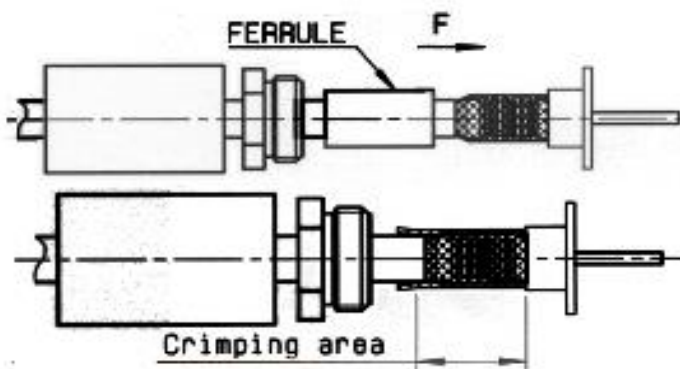
1

Slide onto the cable the heatshrink and the ferrule.
Strip the cable.



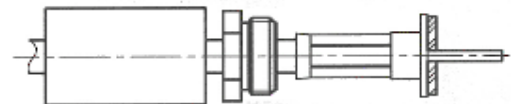
2

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



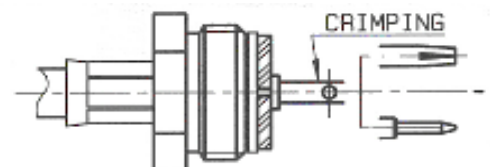
3

Cut the dielectric flush to crimp sleeve.
Mount insulator against crimp sleeve.



4

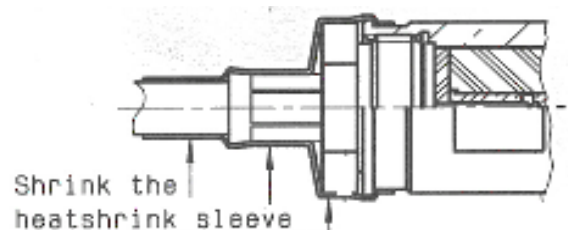
Slide the centre contact onto the cable inner conductor against insulator.
Crimp centre contact with crimping tool and positioner.



heatshrink sleeve not shown

5

Screw sub-assembly into the connector body.
(recommended coupling see connector TDS)
Slide sleeve over ferrule and Heatshrink sleeve in place.



Shrink the heatshrink sleeve