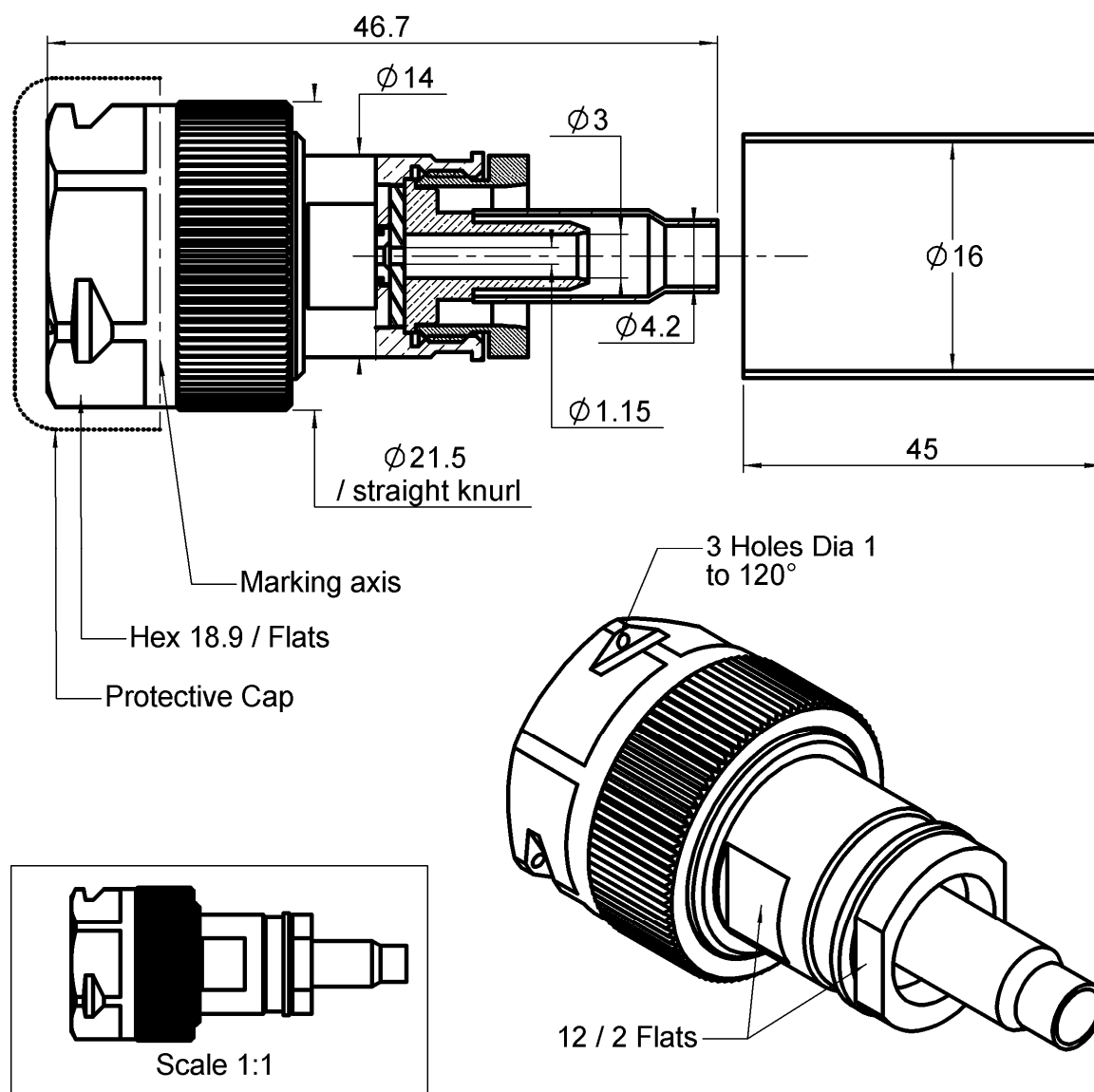


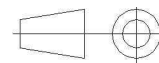
STRAIGHT PLUG CRIMP TYPE
WITH SAFETY COUPLING NUT-CABLE 3.85/50S

R161.073.025

Series : N



All dimensions are in mm.



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

Issue : 1313 A

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



RADIALL®

STRAIGHT PLUG CRIMP TYPE**WITH SAFETY COUPLING NUT-CABLE 3.85/50S****R161.073.025**

Series : N

PACKAGING

Standard	Unit	Other
50	OPTION W	Contact us

SPECIFICATION**ELECTRICAL CHARACTERISTICS**

Impedance	50	Ω
Frequency	0-11	GHz
VSWR	*1.2 + 0,0000	x F(GHz) Maxi
Insertion loss	0.05	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- (57	- F(GHz)) dB Maxi
Voltage rating	500	Veff Maxi
Dielectric withstanding voltage	1000	Veff mini
Insulation resistance	5000	M Ω mini

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	9,00	9,00	23,0	0,00	0,00	0,00

Assembly instruction :

Recommended cable(s)

ASN-EO691-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	140	N mini
- torque	NA	N.cm

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	160	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	41,6850	g

TOOLING

Part Number	Description	Hexagon
282.291	CRIMPING TOOL M22520/1-01	Selection 7
282.997	POSITIONER FOR TOOL 282.291(M22520/1-13)	Red Position
R282.223.000	CRIMPING TOOL	Hex 5.41
R282.246.000	CRIMPING DIES M22520/5-05	Hex 5.41
R282.293.000	CRIMPING TOOL M22520/5-01	

Mil TOOLING REF EQUIVALENT :

M22520/1-01 = 282.991
M22520/1-13 = 282.997
M22520/5-05 = R282.246.000

ENVIRONMENTAL

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

OTHER CHARACTERISTICS

*DC-3 GHz

Issue : 1313 A

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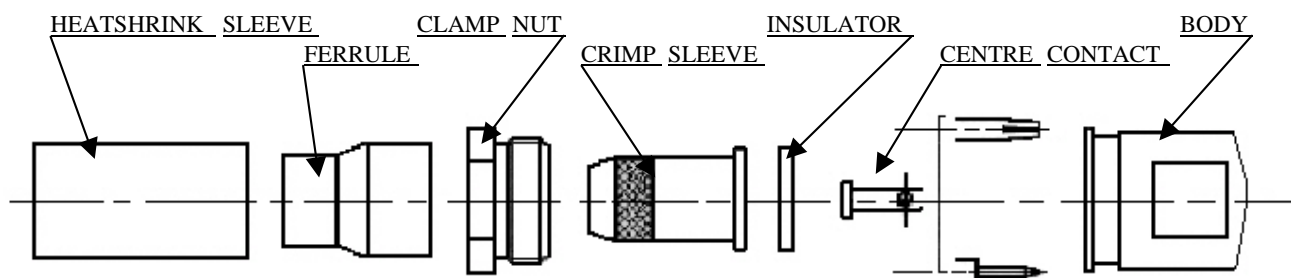
**RADIALL®**

STRAIGHT PLUG CRIMP TYPE

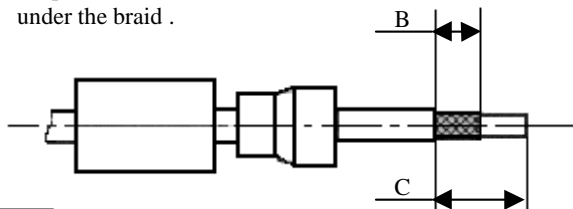
WITH SAFETY COUPLING NUT-CABLE 3.85/50S

R161.073.025

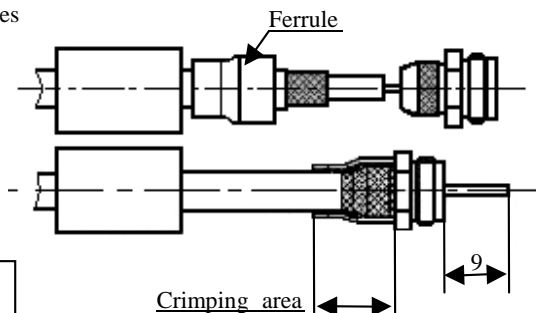
Series : N

COMPONENTS**1**

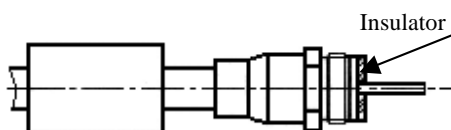
Slide onto the cable the heatshrink and the ferrule.
Strip the cable and cut the foil under the braid.

**2**

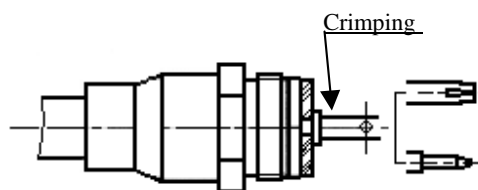
Slide the clamp nut onto the crimp sleeve.
Slide sub-a ssembly under the braid.
Slide ferrule over the braid against clamp nut.(In direction F)
Crimp the ferrule with crimping tool + dies

**3**

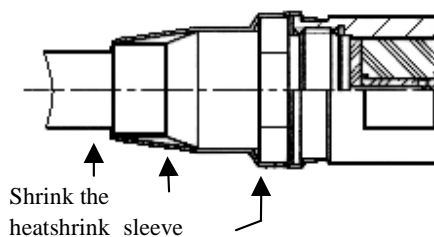
Cut the dielectric flush to crimp sleeve.
Mount insulator against crimp sleeve.

**4**

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

**5**

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



Issue : 1313

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