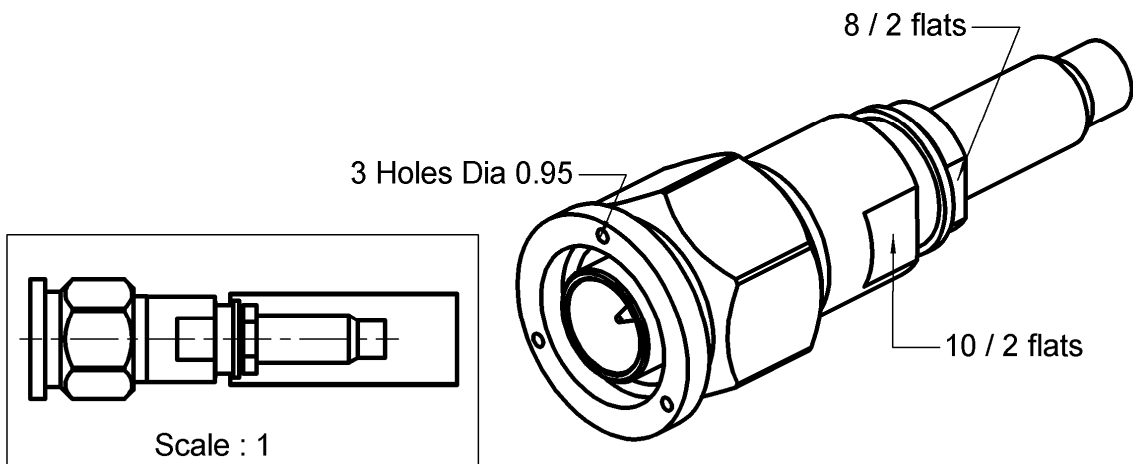
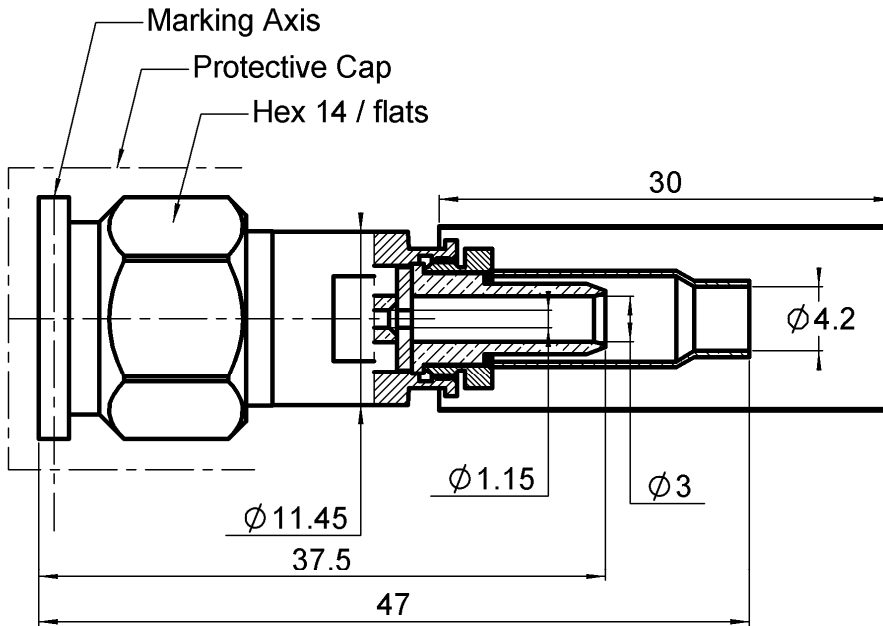


**STRAIGHT PLUG CRIMP TYPE**

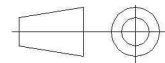
**R143.088.101**

**CABLE 3.85/50S**

Series : TNC



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	STAINLESS STEEL	PASSIVATION
CENTER CONTACT	BRASS	GOLD 0.5 OVER NICKEL 2
OUTER CONTACT	STAINLESS STEEL	PASSIVATION
INSULATOR	PTFE	
GASKET	SILICONE RUBBER	
OTHERS PARTS	BRASS	NICKEL 2
-	-	-
-	-	-

Issue : 0849 B

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**RADIALL**®

**STRAIGHT PLUG CRIMP TYPE**

**R143.088.101**

**CABLE 3.85/50S**

Series : TNC

**PACKAGING**

Standard	Unit	Other
<b>1</b>	-	<b>Contact us</b>

**SPECIFICATION**

**ELECTRICAL CHARACTERISTICS**

Impedance		<b>50</b> Ω
Frequency		<b>0-11</b> GHz
VSWR	<b>*1.30 + 0,0000</b>	x F(GHz) Maxi
Insertion loss		<b>0.1</b> √F(GHz) dB Maxi
RF leakage	- (	<b>57</b> - F(GHz)) dB Maxi
Voltage rating		<b>500</b> Veff Maxi
Dielectric withstanding voltage		<b>1000</b> Veff mini
Insulation resistance		<b>5000</b> MΩ 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	<b>140</b> N mini
- torque	<b>NA</b> N.cm

**MECHANICAL CHARACTERISTICS**

Center contact retention		
Axial force – Mating end	<b>NA</b>	N mini
Axial force – Opposite end	<b>NA</b>	N mini
Torque	<b>NA</b>	N.cm mini

Recommended torque		
Mating	<b>265</b>	N.cm
Panel nut		N.cm
Clamp nut	<b>370</b>	N.cm
A/F clamp nut	<b>8,0000</b>	mm

Mating life	<b>500</b>	Cycles mini
Weight	<b>20,6350</b>	g

**TOOLING**

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

**ENVIRONMENTAL**

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

**OTHER CHARACTERISTICS**

\*DC-6GHz

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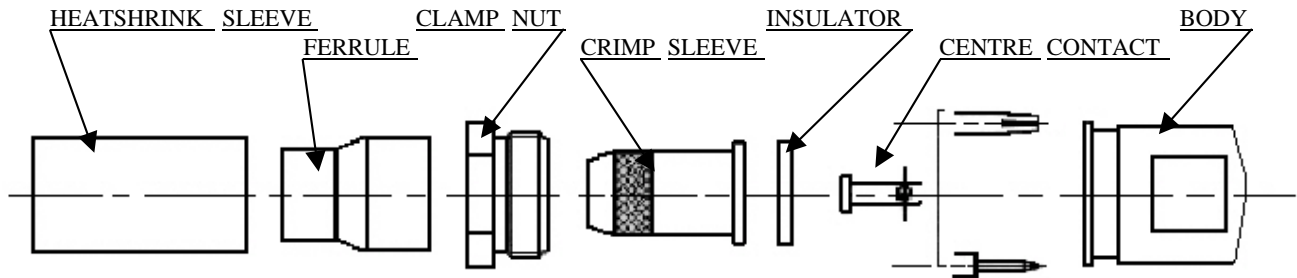
**STRAIGHT PLUG CRIMP TYPE**

**R143.088.101**

**CABLE 3.85/50S**

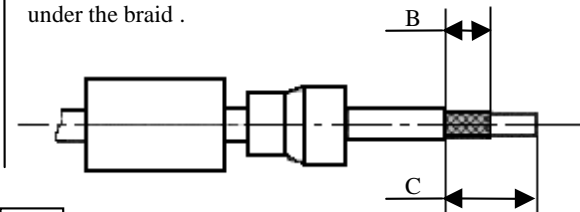
Series : TNC

**COMPONENTS**



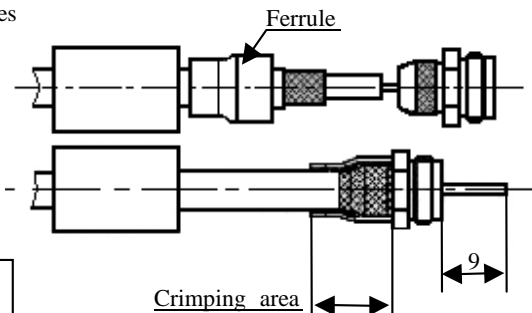
1

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



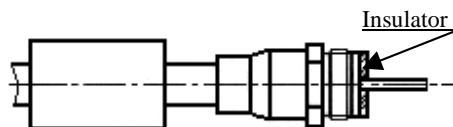
2

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



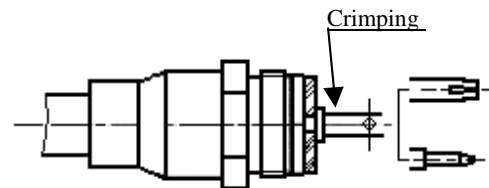
3

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



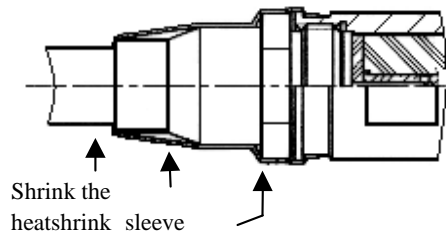
4

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



5

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



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