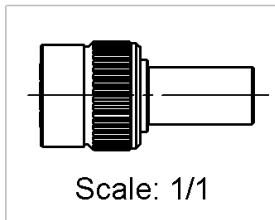
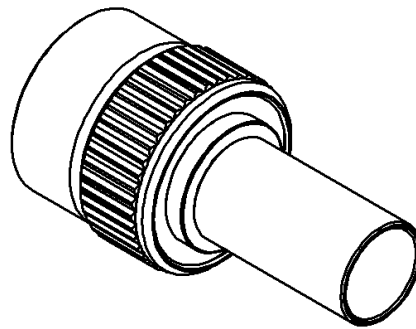
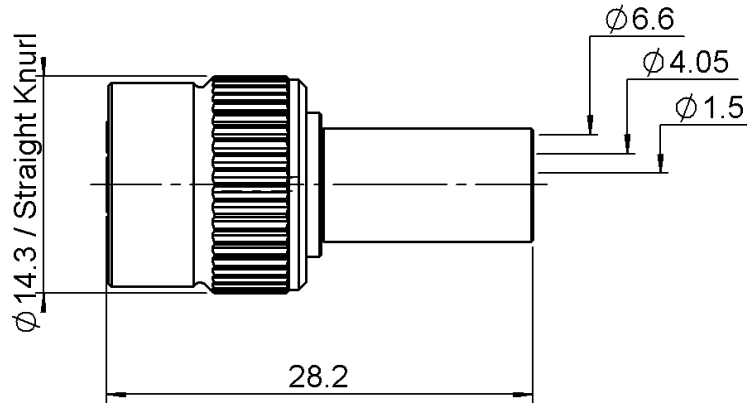


**STRAIGHT PLUG CRIMP TYPE**

**R143.084.161**

**CABLE 6.1/50D**

Series : TNC



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING ( $\mu\text{m}$ )
BODY	BRASS	BBR
CENTER CONTACT	BRASS	NPGR
OUTER CONTACT		
INSULATOR	PTFE + POLYPROPYLENE	
GASKET	SILICONE RUBBER	
OTHERS PARTS	BRASS	NICKEL, BBR
-	-	-
-	-	-

Issue : 1230 A

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**STRAIGHT PLUG CRIMP TYPE**

**R143.084.161**

**CABLE 6.1/50D**

Series : TNC

**PACKAGING**

Standard	Unit	Other
<b>100</b>	-	<b>Contact us</b>

**SPECIFICATION**

**ELECTRICAL CHARACTERISTICS**

Impedance		<b>50</b> Ω
Frequency		<b>0-11</b> GHz
VSWR	<b>1.3*</b> +	<b>0,000</b> x F(GHz) Maxi
Insertion loss		<b>0.06</b> √F(GHz) dB Maxi
RF leakage	- (	<b>NA</b> - F(GHz)) dB Maxi
Voltage rating		<b>500</b> Veff Maxi
Dielectric withstanding voltage		<b>1500</b> Veff mini
Insulation resistance		<b>5000</b> MΩ mini

**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	5,50	10,0	17,7	0,00	12,2	0,00

Assembly instruction : **SEE PAGE 3**

Recommended cable(s)  
LMR 240  
KSR240

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

**MECHANICAL CHARACTERISTICS**

Center contact retention		
Axial force – Mating end	<b>10</b>	N mini
Axial force – Opposite end	<b>10</b>	N mini
Torque	<b>NA</b>	N.cm mini

**TOOLING**

Part Number	Description	Hexagon
.	.	.
R282.223.000	CRIMPING TOOL	
R282.235.013	CRIMPING DIES	
R282.293.000	CRIMPING TOOL M22520/5-01	

Recommended torque		
Mating	<b>NA</b>	N.cm
Panel nut	<b>NA</b>	N.cm
Clamp nut	<b>NA</b>	N.cm
A/F clamp nut	<b>0,0000</b>	mm

Mating life	<b>100</b>	Cycles mini
Weight	<b>10,4430</b>	g

**OTHER CHARACTERISTICS**

\*1.15 max@DC-3GHz, 1.3 max@3-6GHz

**ENVIRONMENTAL**

Operating temperature	<b>-35/+70</b>	° C
Hermetic seal	<b>NA</b>	Atm.cm3/s
Panel leakage	<b>NA</b>	

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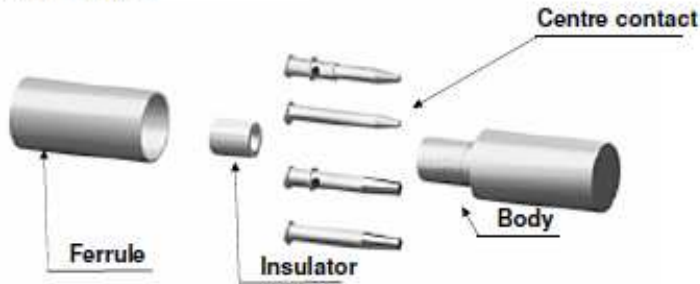
**STRAIGHT PLUG CRIMP TYPE**

**R143.084.161**

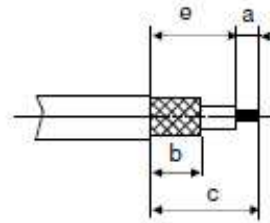
**CABLE 6.1/50D**

Series : TNC

**COMPONENTS**



**STRIPPING DIMENSIONS**



**1**

Slide the ferrule onto the cable.  
Strip the cable.



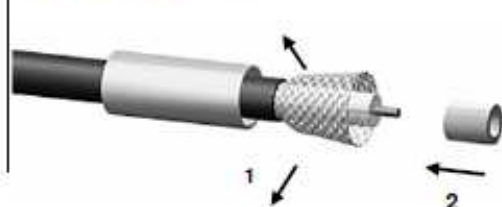
**4**

Slide cable into body until it bottoms against insulator.



**2**

Fan the braid.  
Slide the insulator on the cable centre contact until it bottoms against the cable dielectric.



**5**

Slide the ferrule over the braid.



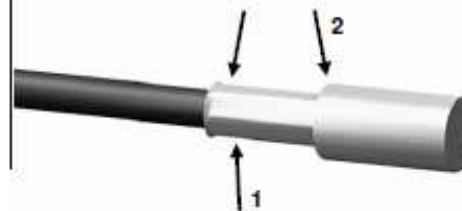
**3**

Slide on the centre contact until it bottoms against the additional insulator.  
Solder the centre contact with crimping tool.  
Clean solder area if necessary.



**6**

Crimp the ferrule with crimping tool ( see connector TDS ).  
Cut the excess of braid if necessary.



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