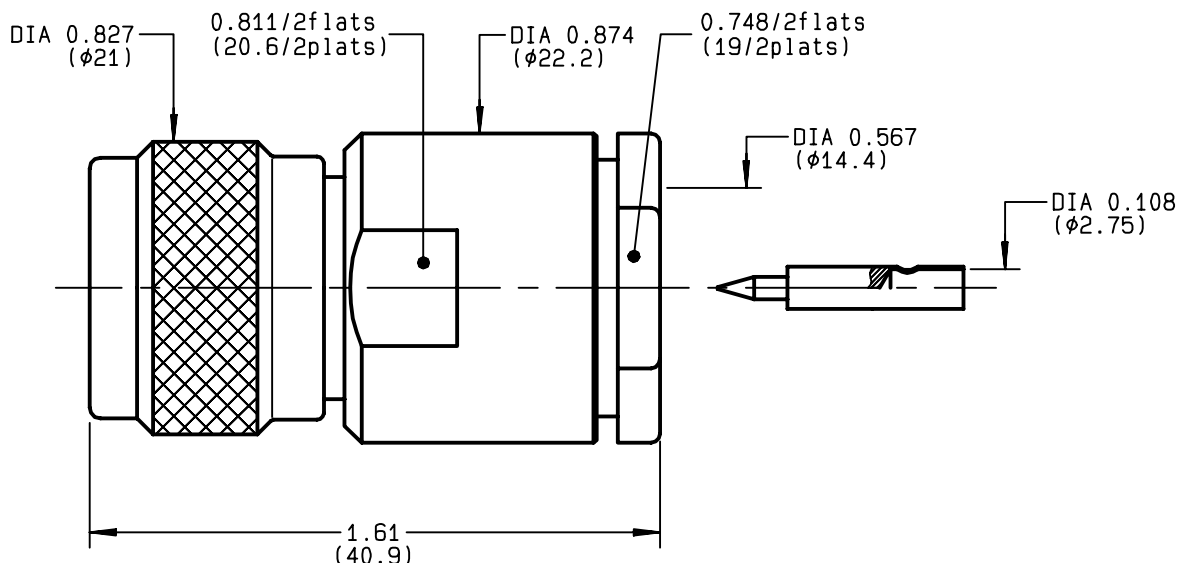


**STRAIGHT PLUG CLAMP TYPE**  
**CABLE 14/50 D**
**R161.027.000**  
**SERIES N**


NOMINAL IMPEDANCE	<b>50</b>	$\Omega$
FREQUENCY RANGE	<b>0-11</b>	GHz
TEMPERATURE RATING	<b>-55/+155</b>	$^{\circ}\text{C}$
V.S.W.R	<b>1.30</b> +	x F(GHz)Maxi
RF INSERTION LOSS	<b>0.048</b>	$\sqrt{F}(\text{GHz})$ dB Maxi
VOLTAGE RATING	<b>1400</b>	Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	<b>2500</b>	Veff Mini
INSULATION RESISTANCE	<b>5000</b>	M $\Omega$ Mini
HERMETIC SEAL	<b>NA</b>	Atm.cm <sup>3</sup> /s
LEAKAGE (pressurized only)	<b>NA</b>	
MECHANICAL DURABILITY	<b>500</b>	Cycles
WEIGHT	<b>58.4</b>	gr
SPECIFICATION		

CABLES : **RG 217**

## OTHERS CHARACTERISTICS

CABLE RETENTION	<b>400</b>	N Mini
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>	cm.N Mini
RECOMMENDED TORQUES		
Mating	<b>130</b>	cm.N
Panel nut	<b>NA</b>	cm.N
Clamp nut	<b>800</b>	cm.N

CONNECTOR PARTS	MATERIALS	FINISH	(all values are given ) in micrometers
BODY	BRASS	BBR 2	
OUTER CONTACT	BRASS	BBR 2	
CENTER CONTACT	BRASS	GOLD 0.5 OVER NICKEL 2	
INSULATOR	PTFE	-	
GASKET	SILICONE RUBBER	-	
OTHERS PIECES	BRASS	BBR 2	

BONOMINI

**ISSUE**  
**9809S03**
**CREATION DATE**  
**16/11/1992**
**FILE PART-NUMBER**  
**EPC 96-07**

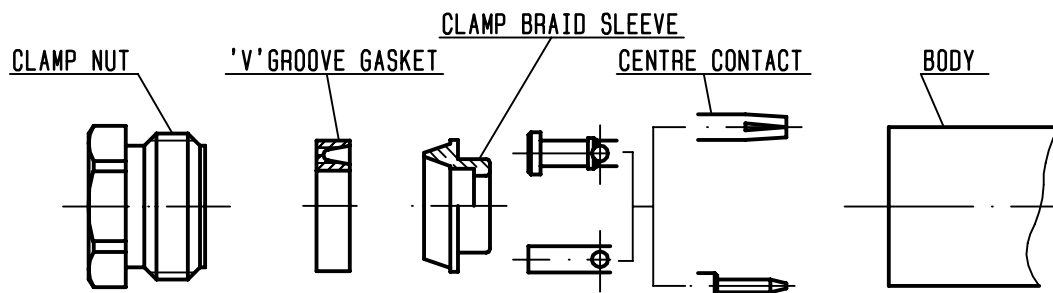
**RADIALL®**

The information given here is subject to change without notice.  
 Design changes may be in order to improve the product .

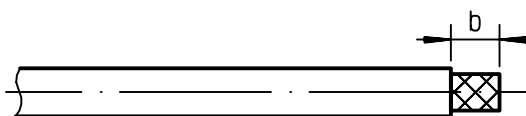
*Connect to the future*

**R161.027.000**ISSUE **9809S03** SERIES

N

**①**

Strip the cable .

-  
-  
-  
-

Stripping	a	b	c	d	e
inch	0.197	0.394	0	0	0.039
mm	5	10			1

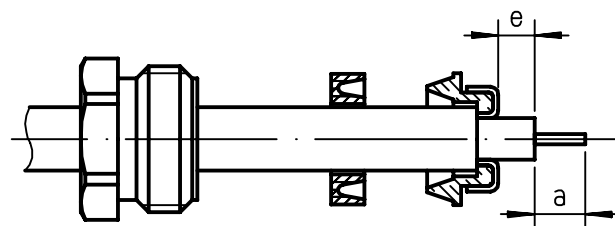
**②**

Slide the clamp nut and the 'V' groove gasket onto the cable .

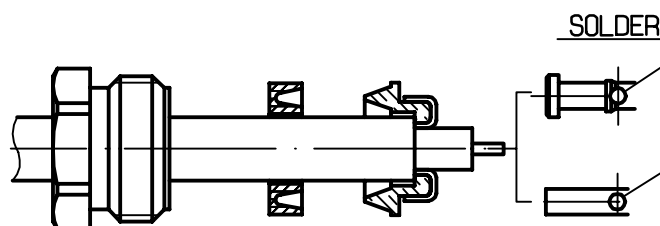
Slide clamp braid sleeve over braid .

Fold back braid and trim off surplus braid .

Trim back dielectric as shown .

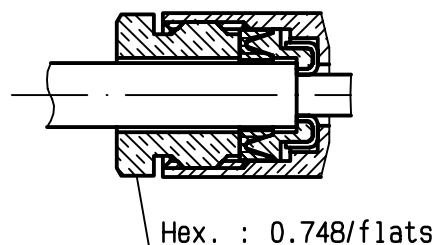
-  
-  
-**③**

Solder the cable inner conductor into centre contact .

-  
-  
-  
-**④**

Screw sub-assembly into the connector body .

( recommended coupling torque 70.8 in.lb )

-  
-

# Mouser Electronics

Authorized Distributor

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Radial:

[R161027000W](#)