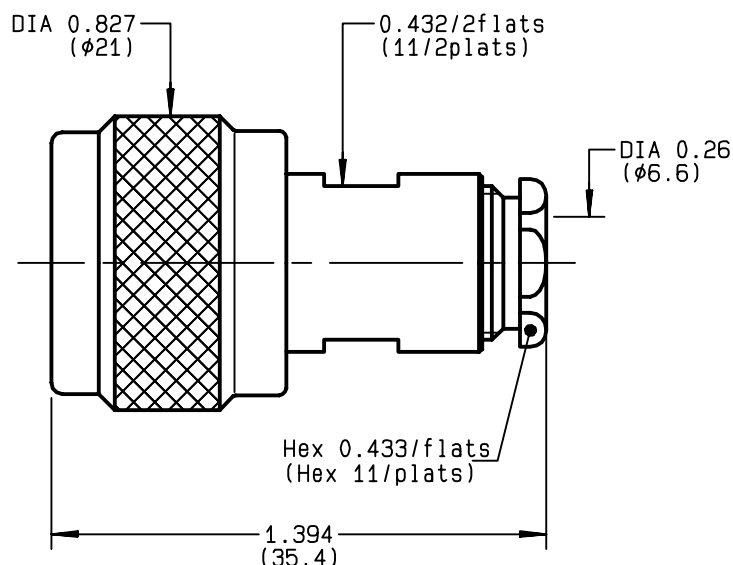


STRAIGHT PLUG CLAMP TYPE

CABLE .250

R161.053.000

SERIES N



NOMINAL IMPEDANCE	50	Ω
FREQUENCY RANGE	0-11	GHz
TEMPERATURE RATING	-55/+105	$^{\circ}\text{C}$
V.S.W.R	1.25 +	$\times F(\text{GHz})\text{Maxi}$
RF INSERTION LOSS	0.048	$\sqrt{F}(\text{GHz}) \text{ dB Maxi}$
VOLTAGE RATING	1400	$V_{\text{eff}} \text{ Maxi}$
DIELECTRIC WITHSTANDING VOLTAGE	2500	$V_{\text{eff}} \text{ Mini}$
INSULATION RESISTANCE	5000	$M \Omega \text{ Mini}$
HERMETIC SEAL	NA	$\text{Atm.cm}^3/\text{s}$
LEAKAGE (pressurized only)	NA	
MECHANICAL DURABILITY	500	Cycles
WEIGHT	34	gr
SPECIFICATION		

CABLES : **KS 3**
RG 401

OTHERS CHARACTERISTICS

CABLE RETENTION	500	N Mini
CENTER CONTACT RETENTION		
Axial force - mating end	NA	N Mini
Axial force - opposite end	NA	N Mini
Torque	NA	cm.N Mini
RECOMMENDED TORQUES		
Mating	130	cm.N
Panel nut	NA	cm.N
Clamp nut	450	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
9812P01

CREATION DATE
12/10/1992

FILE PART-NUMBER
EPC 96-07



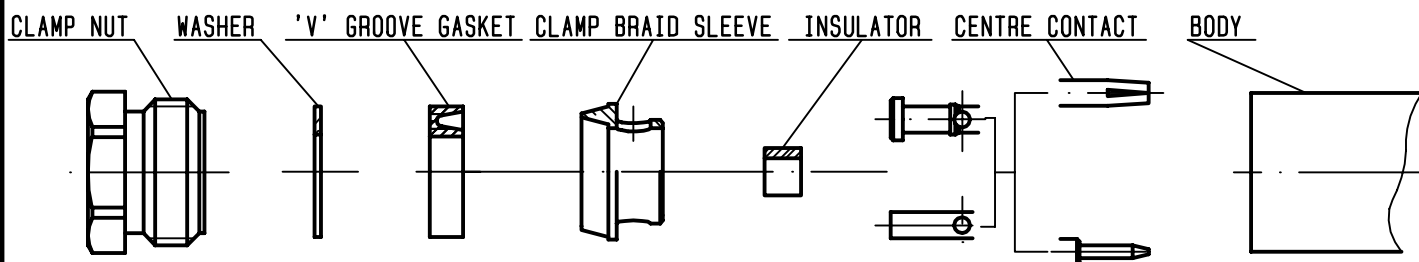
RADIALL®

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

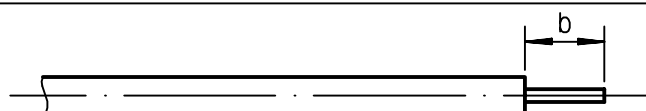
Connect to the future

**R161.053.000**ISSUE **9812P01** SERIES

N

**①**

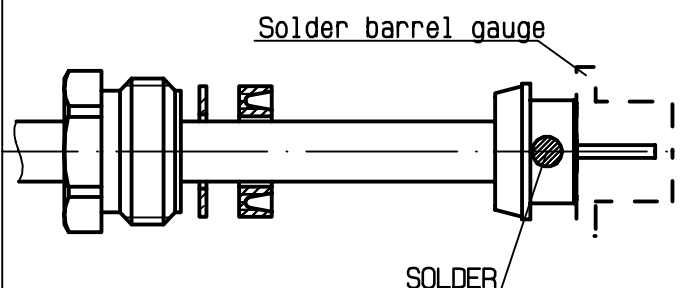
Take the tool kit : R 282 125 010 .
Strip the dielectric of the cable .
Stripping tool cable : R 282 054 .
Trim cable centre conductor .
Trimmer : R 282 074 020 .
Clean the cable .



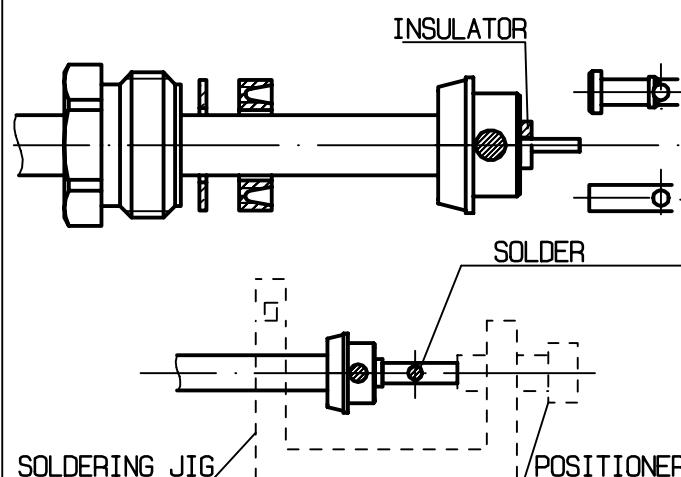
Stripping	a	b	c	d	e
inch	0	0.177 0	0	0	0
mm		4.5			

②

Slide the clamp nut , the washer , the 'V'groove gasket , the clamp braid sleeve and the solder barrel onto the cable .
Position solder barrel flush against solder barrel gauge and solder to the cable or align with outer the conductor (b) .
Solder barrel gauge : R 282 744 330 .

**③**

Once cooled , remove the solder barrel gauge .
Cut the dielectric flush to clamp braid sleeve .
Slide the insulator onto the cable inner conductor .
Slide the centre contact onto the cable inner conductor against insulator .
Fit the cable assembly onto the soldering jig R 282 740 030 and the positioner R 282 744 261 .
Tighten cable and solder the centre contact .

**④**

Screw sub-assembly into the connector body .
(recommended coupling torque 39.82 in.lb)

