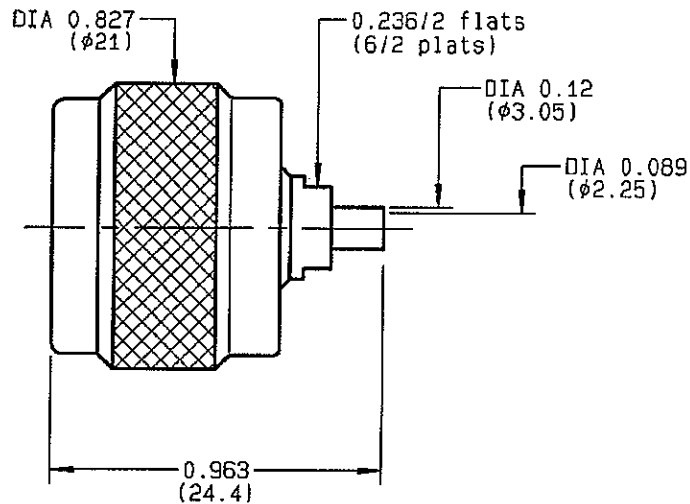


STRAIGHT PLUG SOLDER TYPE
CABLE .085
R161.050.300
SERIES N


NOMINAL IMPEDANCE	50 Ω
FREQUENCY RANGE	0-11 GHz
TEMPERATURE RATING	-55/+105 °C
V.S.W.R	1.25 + x F(GHz)Maxi
RF INSERTION LOSS	0.048 $\sqrt{F}$ (GHz) dB Maxi
VOLTAGE RATING	335 Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	1000 Veff Mini
INSULATION RESISTANCE	5000 M Ω Mini
HERMETIC SEAL	NA Atm.cm ³ /s
LEAKAGE (pressurized only)	NA
MECHANICAL DURABILITY	500 Cycles
WEIGHT	25.56 gr
SPECIFICATION	

CABLES : KS 1
RG 405

OTHERS CHARACTERISTICS

CABLE RETENTION	200 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	NA cm.N

CONNECTOR PARTS	MATERIALS	FINISH	(all values are given in micrometers)
BODY	BRASS	GOLD 0.2 OVER NICKEL 2	
OUTER CONTACT			
CENTER CONTACT	BRASS	GOLD 0.5 OVER NICKEL 2	
INSULATOR	PTFE	-	
GASKET	SILICONE RUBBER	-	
OTHERS PIECES	BRASS	BBR 2	

ISSUE
0630 B
CREATION DATE
14/01/1997
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.

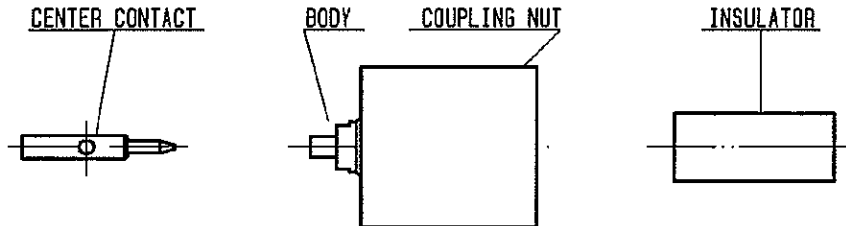
Connect to the future



R161.050.300

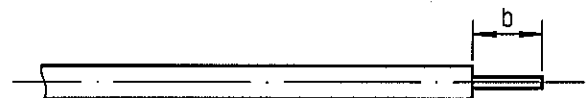
ISSUE 0630 B

SERIES N



①

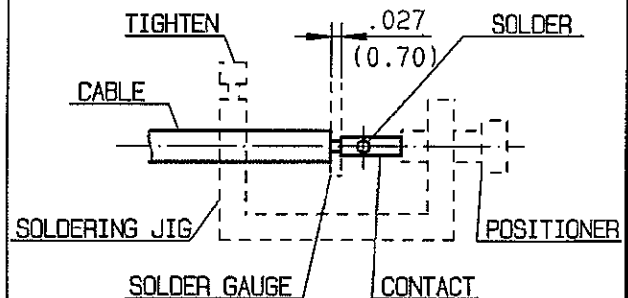
Take the tool kit : R 282 125 010 .
Strip the dielectric of the cable .
Stripping tool cable : R 282 051 .
Trimmer : R 282 063
Clean the cable .
-



Stripping	a	b	c	d	e
inch	0	0.125	0	0	0
mm		3.17			

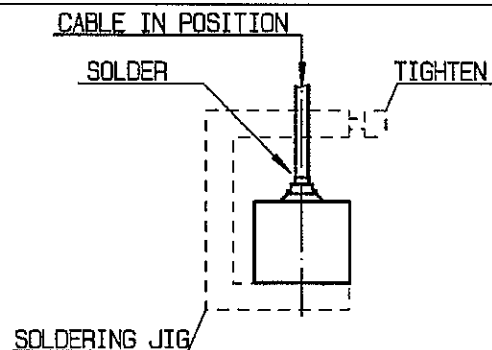
②

Screw the positioner R 282 744 261 onto the soldering jig R 282 740 030 .
Slide contact into positioner .
Insert solder gauge R 282 862 090 between contact and cable .
Tighten and solder the contact .



③

After cooling remove cable assembly from the jig .
Slide cable into the connector until it bottoms againsts the body .
Tighten .
Put 3 rings of solder around the cable and solder .



○

After cooling remove cable assembly from the jig .
Screw female dielectric insert tool onto connector and insert insulator with the dielectric plunger (R 282 730 161) .

