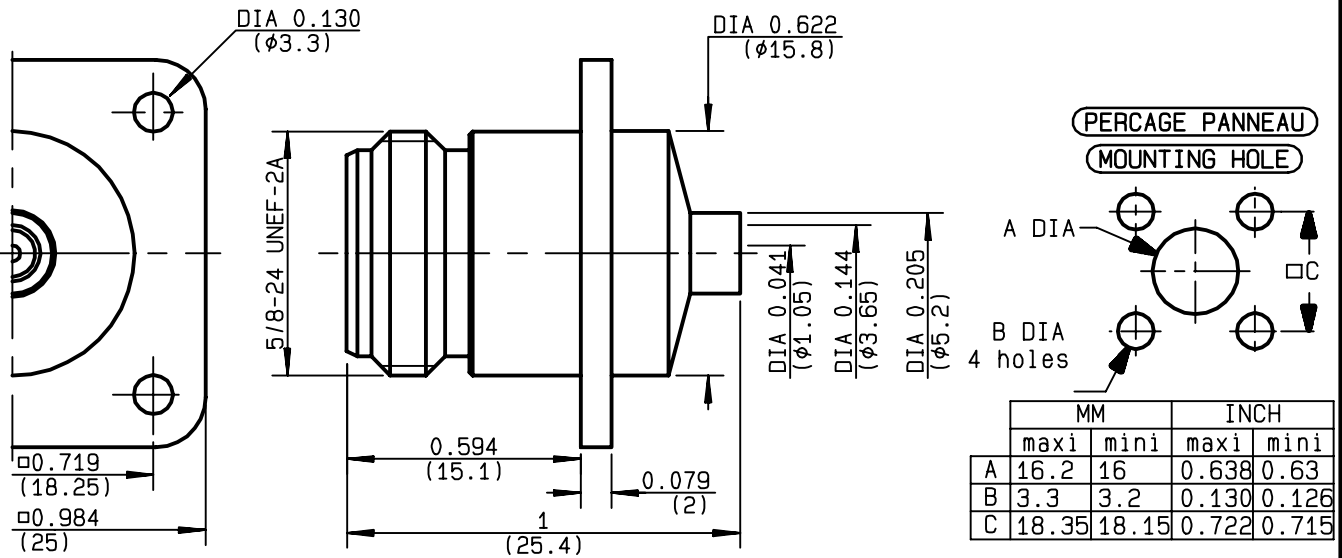


**STRAIGHT SQUARE FLANGE JACK  
SOLDER TYPE - CABLE .141**

**R161.277.330**  
**SERIES N**



NOMINAL IMPEDANCE	<b>50</b> Ω
FREQUENCY RANGE	<b>0-11</b> GHz
TEMPERATURE RATING	<b>-55/+105</b> °C
V.S.W.R	<b>1.15</b> + x F(GHz)Maxi
RF INSERTION LOSS	<b>0.048</b> √F(GHz) dB Maxi
VOLTAGE RATING	<b>335</b> Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	<b>1000</b> Veff Mini
INSULATION RESISTANCE	<b>5000</b> MΩMini
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>30.5</b> gr
SPECIFICATION	

CABLES : **BELN 1673A**  
**HC80000-3**  
**KS 2**  
**RG 402**  
**SUCOFORM 141**

OTHERS CHARACTERISTICS

CABLE RETENTION	<b>500</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>NA</b>	cm.N
Panel nut	<b>NA</b>	cm.N
Clamp nut	<b>NA</b>	cm.N

CONNECTOR PARTS	MATERIALS	FINISH	(all values are given in micrometers)
BODY	BRASS	BBR 2	
OUTER CONTACT	BRASS	BBR 2	
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL 2	
INSULATOR	PTFE	-	
GASKET		-	
OTHERS PIECES			

ISSUE	CREATION DATE	FILE PART-NUMBER
<b>9812B00</b>	<b>01/12/1997</b>	<b>97-0400-021</b>



COLLINS

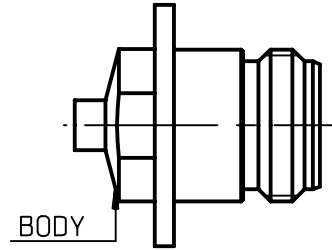
The information given here is subject to change without notice.  
Design changes may be in order to improve the product .

Connect to the future



**R161.277.330**

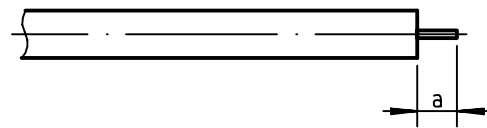
ISSUE **9812B00** SERIES **N**



We recommend a thermal preconditioning cable .

①

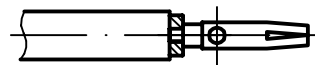
Take the tool kit : R 282 125 010  
Strip the dielectric of the cable .  
Stripping tool cable : R 282 053 000  
Trimmer : R 282 063 010  
Clean the cable .  
-



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

②

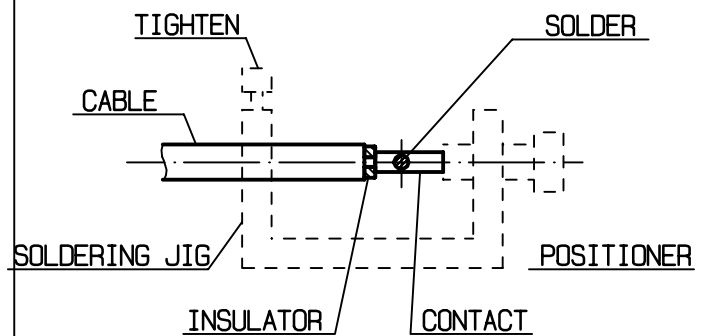
Slide the insulator and the center contact onto the cable inner conductor .



← Insulator and center contact

③

Screw the positioner R 282 744 260 onto the soldering jig R 282 740 030 .  
Slide the cable assembly until it bottoms against positioner R282 744 260 .  
Tighten and solder the contact .



③

After cooling remove cable assembly from the jig .  
Slide positioner R 282 744 325 into the connector .  
Get in connector assembly onto the soldering jig and slide the cable until it bottoms against positioner .  
Tighten .  
Put 3 rings of solder around the cable and solder .

