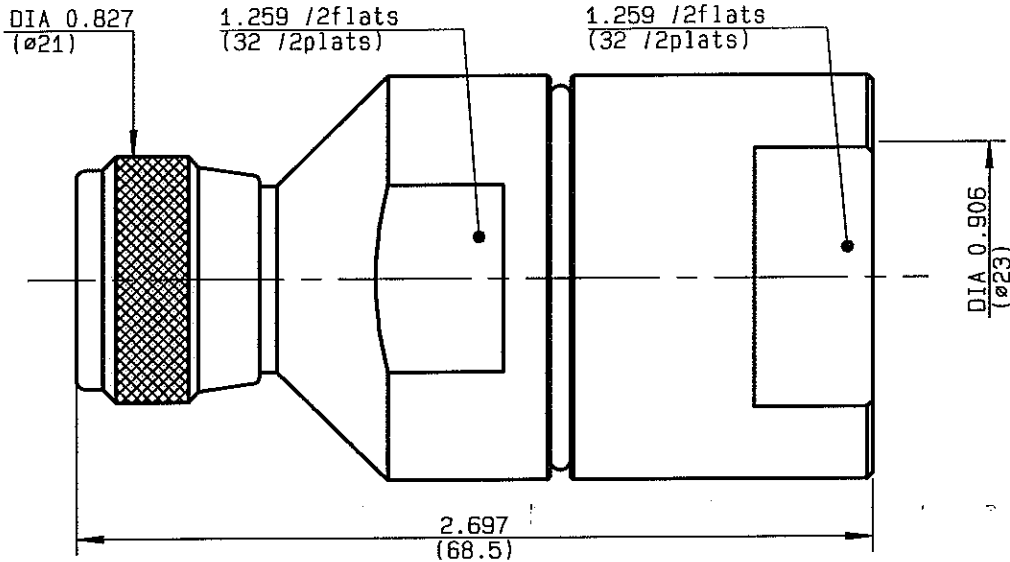


**STRAIGHT PLUG CLAMP TYPE
CABLE 7/8" RINGED**

R161.033.120
SERIES N



NOMINAL IMPEDANCE	50 Ω	CABLES :	
FREQUENCY RANGE	0-11 GHz		
TEMPERATURE RATING	-55/+155 °C		
V.S.W.R	1.10* + x F(GHz)Maxi		
RF INSERTION LOSS	0.048 √F(GHz) dB Maxi		
VOLTAGE RATING	1000 Veff Maxi		
DIELECTRIC WITHSTANDING VOLTAGE	2500 Veff Mini	OTHERS CHARACTERISTICS	
INSULATION RESISTANCE	5000 M ΩMini	CABLE RETENTION	0 N Mini
HERMETIC SEAL	NA Atm.cm ³ /s	CENTER CONTACT RETENTION	
LEAKAGE (pressurized only)	NA	Axial force - mating end	27 N Mini
MECHANICAL DURABILITY	500 Cycles	Axial force - opposite end	27 N Mini
WEIGHT	182 gr	Torque	NA cm.N Mini
SPECIFICATION	* 0-3 GHz	RECOMMENDED TORQUES	
		Mating	130 cm.N
		Panel nut	NA cm.N
		Clamp nut	800 cm.N

CONNECTOR PARTS	MATERIALS	FINISH	(all values are given) in micrometers
BODY	BRASS	NICKEL .	
OUTER CONTACT	BRASS	SILVER OVER COPPER	
CENTER CONTACT	BERYLLIUM COPPER	SILVER OVER COPPER	
INSULATOR	PTFE	-	
GASKET	SILICONE RUBBER	-	
OTHERS PIECES	BRASS	NICKEL .	

ISSUE	CREATION DATE	FILE PART-NUMBER
9834C00	21/09/1995	95-1200-005



B.L

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

Connect to the future



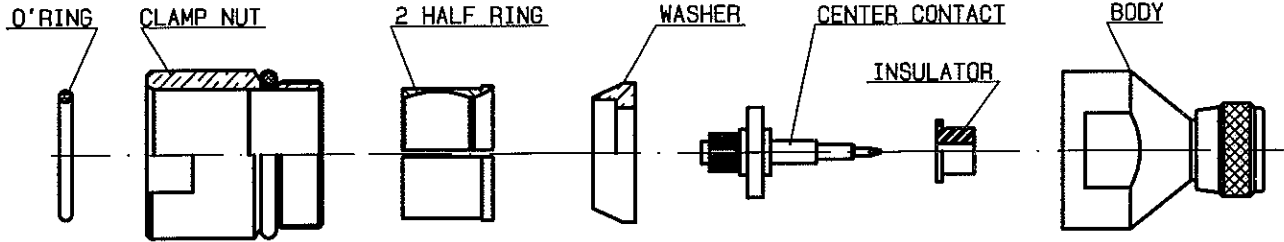
RADIALL®

R161.033.120

ISSUE 9834C00

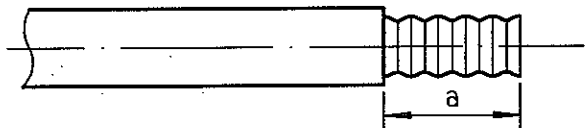
SERIES

N



①

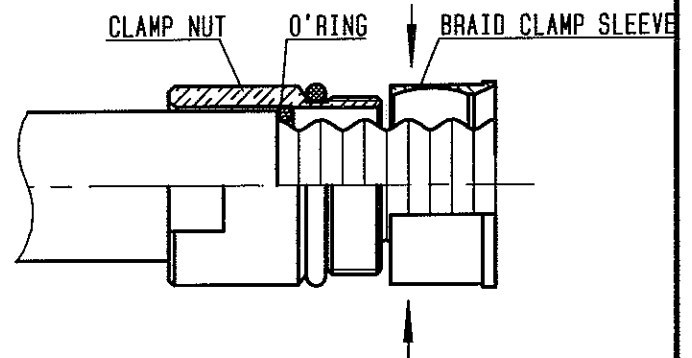
Cut the external conductor and dielectric on top of the wave as shown .
Strip the cable .



Stripping	a	b	c	d	e
inch	1.575 0	0	0	0	0
mm	40				

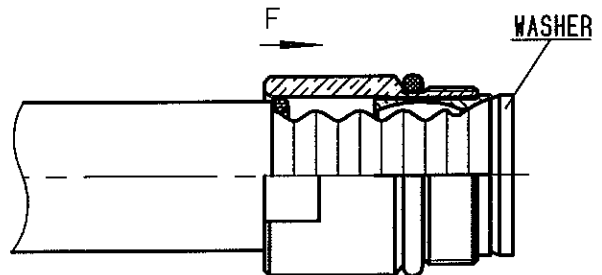
②

Slide the o'ring, corresponding to the cable used, against on the cable.
Slide the clamp nut in full lock upon the o'ring.
Slide the two half ring into the first hollow of the external conductor.



③

Slide the washer under the external conductor.
Slide back the clamp nut onto the two half ring in direction F.
Slide the insulator and center contact into the body .



④

Screw sub-assembly into the connector body.
(recommended coupling torque 70.8 in.lb)

