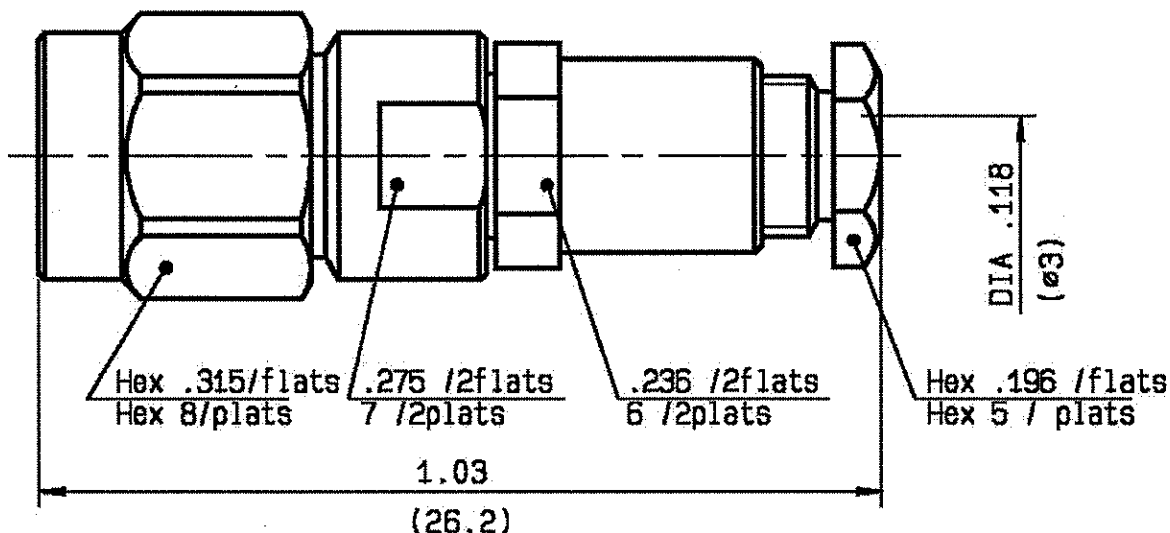


STRAIGHT PLUG CLAMP TYPE
CABLE 2.6/50 8

R125.091.001

SERIES

SMA



NOMINAL IMPEDANCE	50 Ω
FREQUENCY RANGE	0-12.4 GHz
TEMPERATURE RATING	-65/+165 °C
V.S.W.R	1.15 + .02 x F(GHz)Max1
RF INSERTION LOSS	0.06 $\sqrt{F}$ (GHz) dB Max1
VOLTAGE RATING	250 Veff Max1
DIELECTRIC WITHSTANDING VOLTAGE	750 Veff Min1
INSULATION RESISTANCE	5000 M Ω Min1
HERMETIC SEAL	NA Atm.cm ³ /s
LEAKAGE (pressurized only)	NA
MECHANICAL DURABILITY	500 Cycles
WEIGHT	0 gr
SPECIFICATION	

CABLES : KX 22A
FB 188
FB 318

OTHERS CHARACTERISTICS

CABLE RETENTION	90 N Min1
CENTER CONTACT RETENTION	
Axial force - mating end	27 N Min1
Axial force - opposite end	27 N Min1
Torque	NA cm.N Min1
RECOMMENDED TORQUES	
Mating	100 cm.N
Panel nut	NA cm.N
Clamp nut	100 cm.N

CONNECTOR PARTS: MATERIALS

BODY	STAINLESS STEEL
OUTER CONTACT	
CENTER CONTACT	BRASS
INSULATOR	PTFE
BASKET	SILICONE RUBBER
OTHERS PIECES	BRASS

FINISH

PASSIVATED .
GOLD 1.3 OVER NICKEL 2
-
-
NICKEL 2

(all values are given in micrometers)

ISSUE
0826 C00

CREATION DATE
17/04/1989

FILE PART-NUMBER
-



RADIALL®

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

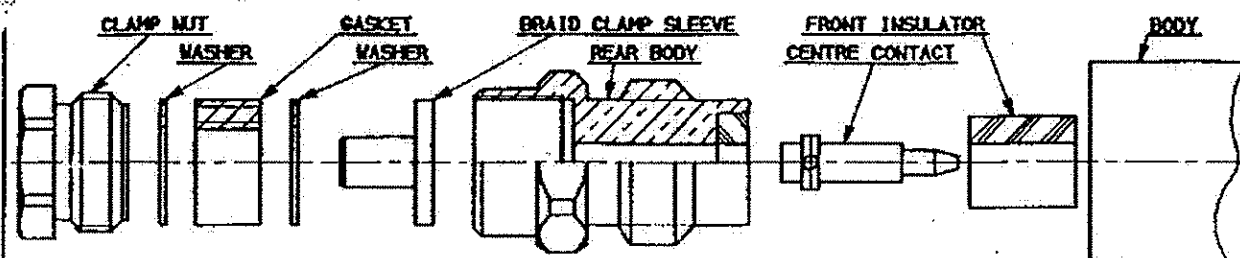
Connect to the future

STRAIGHT PLUG , CLAMP VERSION FOR
2.6/50 CABLE

SERIES,

SMA

02/02

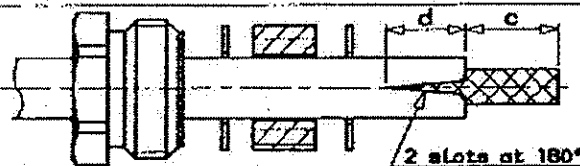


①

1-1 Slide the clamp nut, the 1st washer, the gasket and the 2nd washer onto the cable .

1-2 Strip the cable .

1-3 Cut the jacket (2 slots) .



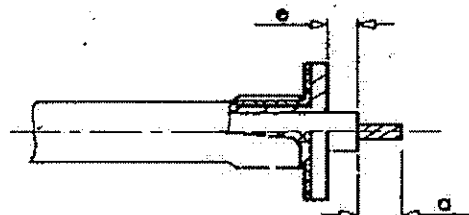
Stripping	a	b	c	d	e
Inch	-	-	.196	.177	.044
mm	-	-	5	4.5	0.3

②

2-1 Slide clamp braid sleeve over braid .

2-2 Cut the braid flush with the clamp braid sleeve .

2-3 Strip the dielectric as shown .



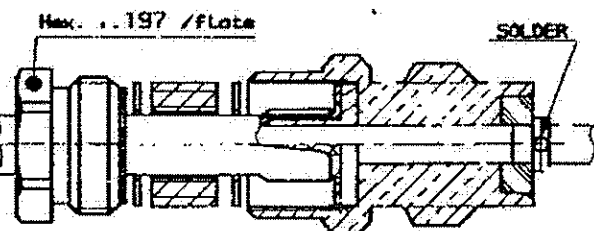
③

3-1 Screw sub-assembly into the connector rear body (coupling torque 3.54 in. lb)

3-2 Slide centre contact over centre conductor until it bottoms against insulator

3-3 Solder centre contact .

3-4 Mount front insulator .

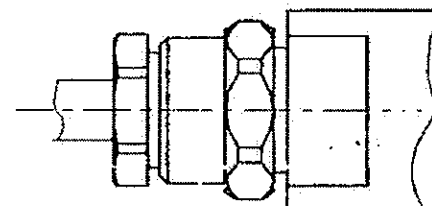


④

4-1 Screw sub-assembly into the connector body .

Recommended coupling torque

8.86 in. lb



ISSUE	REVISION No	DESCRIPTION	BY	DATE

Initiated on

Superseded on

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