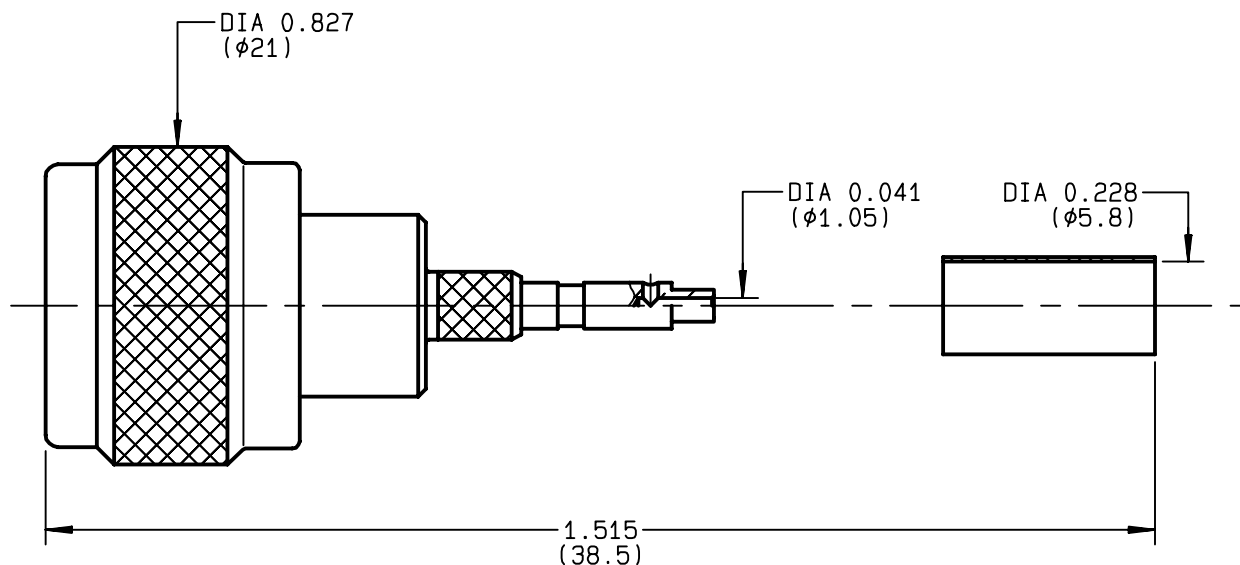


**STRAIGHT PLUG FULL CRIMP-TYPE
CABLE 5/50 D**
R161.083.000
SERIES N


NOMINAL IMPEDANCE	50	Ω
FREQUENCY RANGE	0-11	GHz
TEMPERATURE RATING	-55/+155	$^{\circ}\text{C}$
V.S.W.R	1.30 +	$\times F(\text{GHz})\text{Maxi}$
RF INSERTION LOSS	0.048	$\sqrt{F}(\text{GHz}) \text{ dB Maxi}$
VOLTAGE RATING	850	$V_{\text{eff}} \text{ Maxi}$
DIELECTRIC WITHSTANDING VOLTAGE	1500	$V_{\text{eff}} \text{ Mini}$
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	27.3	gr
SPECIFICATION		

CABLES : **KX 23****RG 142****RG 142 FTX****RG 223****RG 400**

OTHERS CHARACTERISTICS

CABLE RETENTION	200	N Mini
CENTER CONTACT RETENTION		
Axial force - mating end	27	N Mini
Axial force - opposite end	27	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

BODY	BRASS
OUTER CONTACT	BRASS
CENTER CONTACT	BRASS
INSULATOR	PTFE
GASKET	SILICONE RUBBER
OTHERS PIECES	BRASS

FINISH

(all values are given)
in micrometers

BBR 2
BBR 2
GOLD 0.5 OVER NICKEL 2
-
-
BBR 2

BONOMINI

ISSUE

9812J04

CREATION DATE

21/07/1993

FILE PART-NUMBER

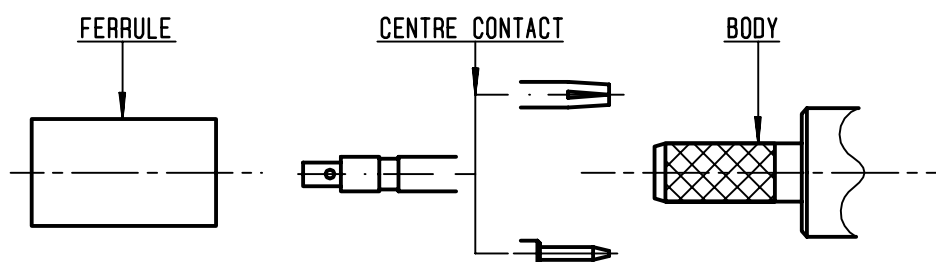
EPC 96-07**RADIALL®**

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

Connect to the future

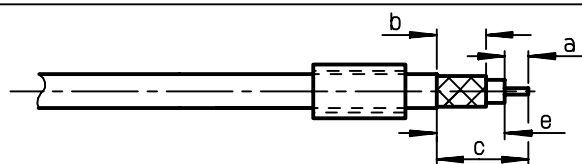
**R161.083.000**ISSUE **9812J04** SERIES

N

**①**

Slide onto the cable the ferrule .
Strip the cable .

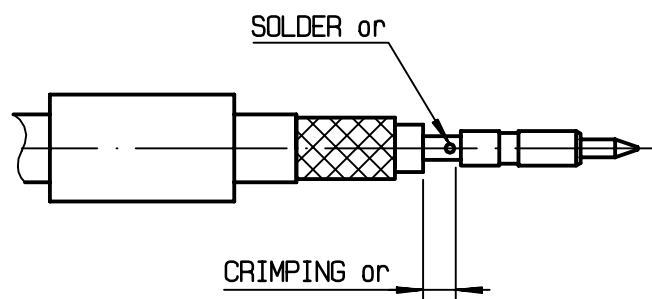
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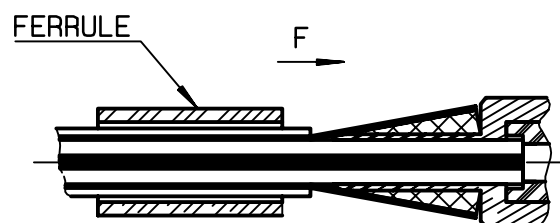
Stripping	a	b	c	d	e
inch	0.177	0.315	0.551	0	0.374
mm	4.5	8	14		9.5

②

Slide on centre contact until it bottoms against cable dielectric .
Solder or crimp centre contact .
Crimping tool :R 282 223 000 (hex: .068) or R282 293 000 (M22520/5-01) + dies R282 235 011 (M22520/5-11)
(We advice to solder centre contact to improve electrical performances only with the cable to PTFE dielectric.)

**③**

Fan the braid.
Slide cable into the body until bottoms against insulator .
Slide ferrule over the braid .
(In direction F)

**④**

Crimp the ferrule with crimping tool R 282 223 000 (Hex. : .213) or crimping tool M22520/5-01 (R 282 293 000) + dies M22520/5-11 (R 282 235 011)
Cut the excess of braid .
Slide sleeve over ferrule in place .

