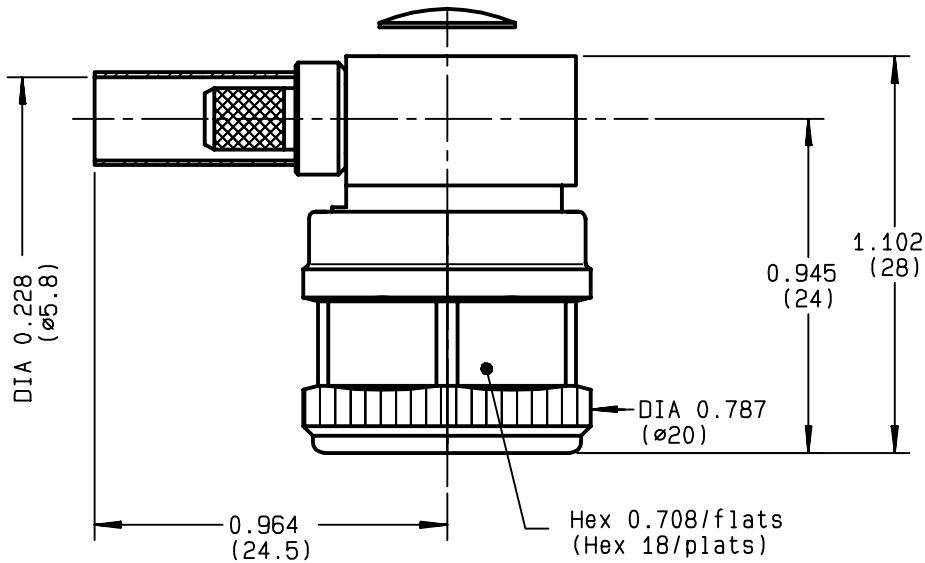


**RIGHT ANGLE PLUG CRIMP TYPE  
CABLE 5/50 D**

**R161.183.117**  
**SERIES N**



NOMINAL IMPEDANCE	<b>50</b> Ω
FREQUENCY RANGE	<b>0-11</b> GHz
TEMPERATURE RATING	<b>-55/+155</b> °C
V.S.W.R	<b>1.15*</b> + x F(GHz)Maxi
RF INSERTION LOSS	<b>0.07</b> √F(GHz) dB Maxi
VOLTAGE RATING	<b>850</b> Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	<b>1500</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>44</b> gr
SPECIFICATION	<b>* 0-2 GHz</b>

CABLES : <b>KX 23</b>
<b>RG 142</b>
<b>RG 142 FTX</b>
<b>RG 223</b>
<b>RG 400</b>
OTHERS CHARACTERISTICS
<b>PIM3 &lt; -155 dBc (-112 dBm) 2x20W</b>
CABLE RETENTION <b>200</b> N Mini
CENTER CONTACT RETENTION
Axial force - mating end <b>27</b> N Mini
Axial force - opposite end <b>27</b> N Mini
Torque <b>NA</b> cm.N Mini
RECOMMENDED TORQUES
Mating <b>170</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 0.5 OVER SILVER 3	
OUTER CONTACT	BRASS	BBR 0.5 OVER SILVER 3	
CENTER CONTACT	BRASS	GOLD 2.5 OVER COPPER 2.5	
INSULATOR	PTFE	-	
GASKET	SILICONE RUBBER	-	
OTHERS PIECES	BRASS	BBR 0.5 OVER SILVER 3	

ISSUE	CREATION DATE	FILE PART-NUMBER
<b>9806D00</b>	<b>07/12/1993</b>	<b>EPC 96-07</b>



GAUTIER

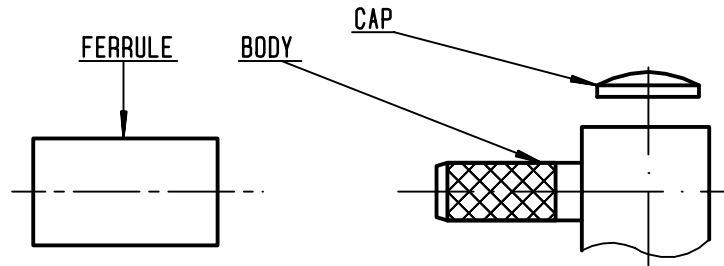
The information given here is subject to change without notice.  
Design changes may be in order to improve the product .

*Connect to the future*



**R161.183.117**

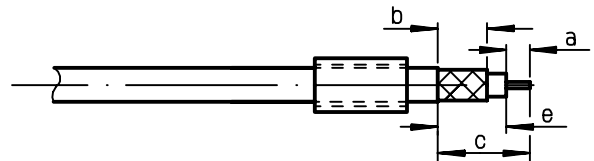
ISSUE 9806D00 SERIES N



①

Slide the ferrule onto the cable.  
Strip the cable .

-  
-

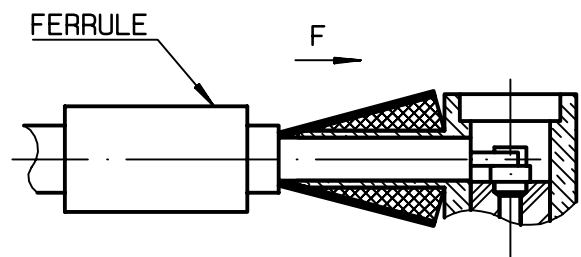


Stripping	a	b	c	d	e
inch	0.138	0.276	0.709	0	0.571
mm	3.5	7	18		14.5

②

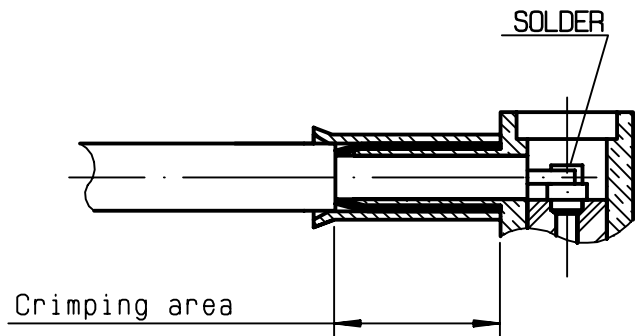
Fan the braid .  
Push connector body under the braid .  
Slide the ferrule on the braid  
( in direction F )

-  
-



③

Crimp the ferrule with crimping tool  
R282 223 000 (hex: 0.212) or  
crimping tool R282 293 000 (M22520/5-01)  
+ dies R282 235 011 (M22520/5-11)  
Solder inner conductor .



④

Place the cap .  
Press cap flush or slightly below surface  
of body assembly .

-  
-  
-

