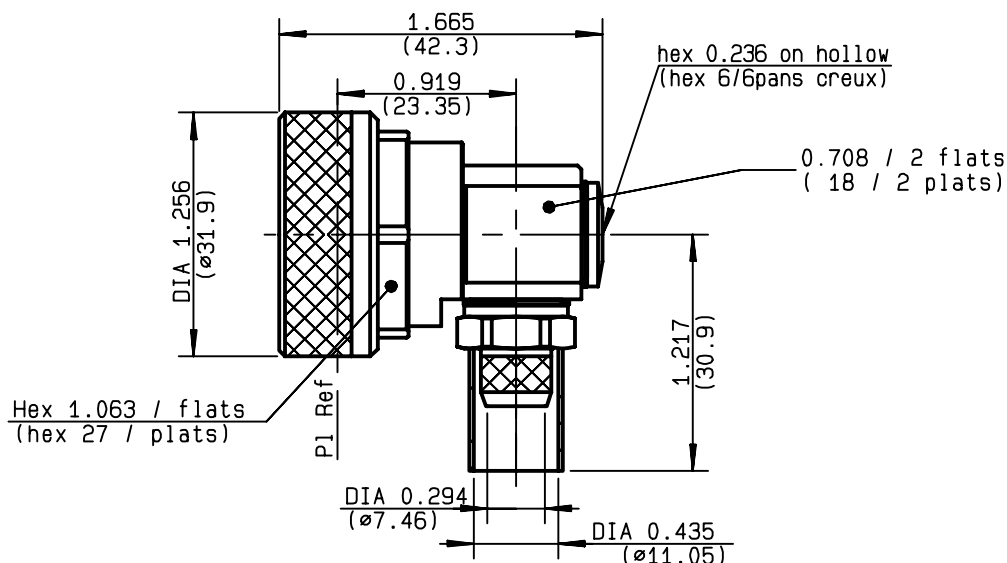


RIGHT ANGLE PLUG CRIMP TYPE
CABLE 10/50 S
R185.174.000
SERIES 7-16


NOMINAL IMPEDANCE	50	Ω
FREQUENCY RANGE	0-7.5	GHz
TEMPERATURE RATING	-55/+155	°C
V.S.W.R	* +	x F(GHz)Maxi
RF INSERTION LOSS	0.05	$\sqrt{F}$ (GHz) dB Maxi
VOLTAGE RATING	1400	Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	2700	Veff Mini
INSULATION RESISTANCE	10000	M Ω Mini
HERMETIC SEAL	NA	Atm.cm ³ /s
LEAKAGE (pressurized only)	NA	
MECHANICAL DURABILITY	500	Cycles
WEIGHT	114.9	gr
SPECIFICATION		

CABLES : KX 4
RG 213

OTHERS CHARACTERISTICS

*** ROS : 1.15 a 3 GHz**

CABLE RETENTION	250	N Mini
CENTER CONTACT RETENTION		
Axial force - mating end	200	N Mini
Axial force - opposite end	100	N Mini
Torque	2	cm.N Mini
RECOMMENDED TORQUES		
Mating	3000	cm.N
Panel nut	NA	cm.N
Clamp nut	NA	cm.N

CONNECTOR PARTS	MATERIALS	FINISH	(all values are given) in micrometers
BODY	BRASS	BBR 0.5 OVER SILVER 3	
OUTER CONTACT	BRASS	SILVER 5 OVER COPPER 0.5	
CENTER CONTACT	BRASS	SILVER 5 OVER COPPER 0.5	
INSULATOR	PTFE	-	
GASKET	SILICONE RUBBER	-	
OTHERS PIECES	BRASS	BBR 2	

GAUTIER

ISSUE	CREATION DATE	FILE PART-NUMBER
9944C00	11/05/1994	EPC96-02


RADIALL®

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

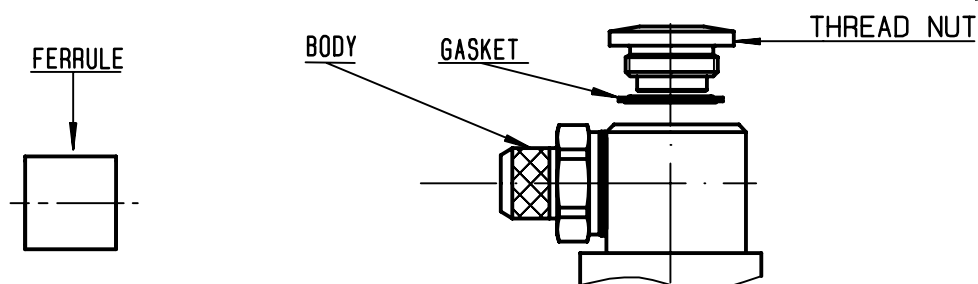
Connect to the future



R185.174.000

ISSUE **9944C00** SERIES

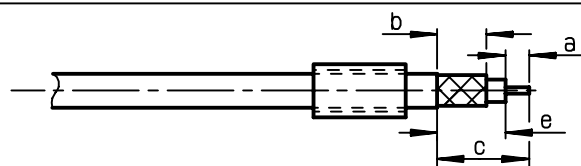
7-16



①

Slide ferrule onto cable.
Strip the cable .

-
-

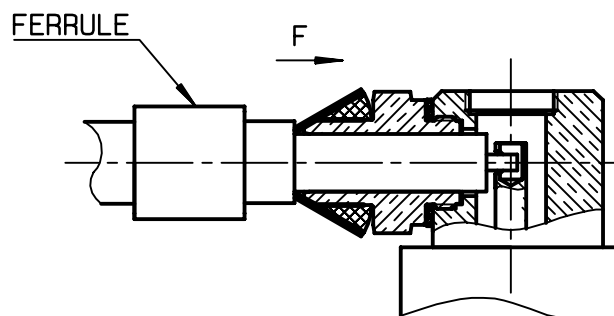


Stripping	a	b	c	d	e
inch	0.118	0.315	0.925	0	0.807
mm	3	8	23.5		20.5

②

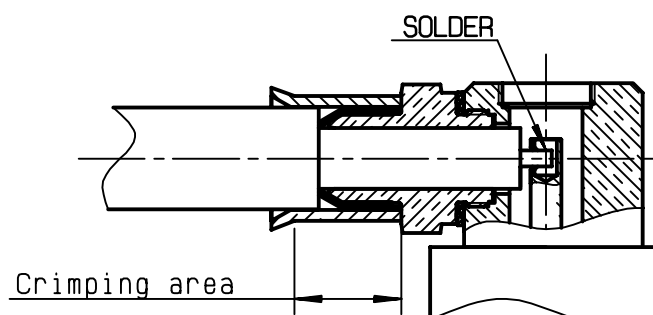
Fan the braid .
Push connector body under braid .
Slide ferrule over the braid
(in direction F)

-
-



③

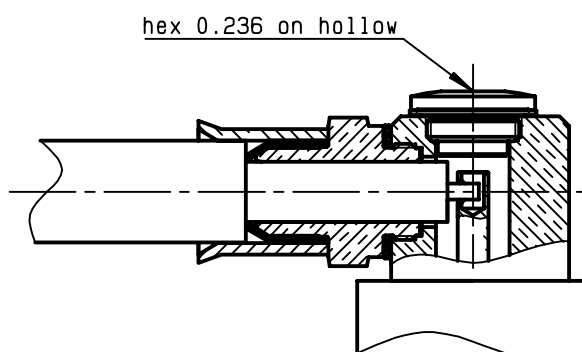
Crimp the ferrule with crimping tool
R282 231 000 (Hex. : 0.415) or
crimping tool R 282 293 000 (M22520/5-01)
+ dies R 282 235 116 (Y116 DANIELS)
Solder inner conductor .



④

Tightly screw the cap with gasket
onto connector body.

-
-
-
-



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Radial:

R185174000