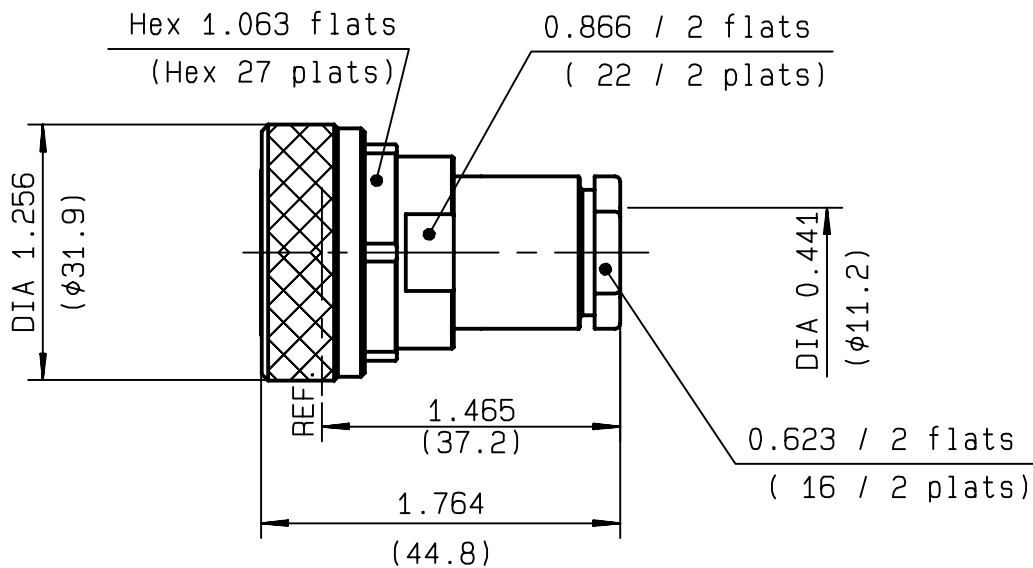


STRAIGHT PLUG CLAMP TYPE
CABLE 10 +11/50
R185.010.000
SERIES 7-16


NOMINAL IMPEDANCE	50	Ω
FREQUENCY RANGE	0-7.5	GHz
TEMPERATURE RATING	-55/+155	$^{\circ}\text{C}$
V.S.W.R	1.20 +	$\times F(\text{GHz})\text{Maxi}$
RF INSERTION LOSS	0.05	$\sqrt{F}(\text{GHz}) \text{ dB Maxi}$
VOLTAGE RATING	1400	$V_{\text{eff}} \text{ Maxi}$
DIELECTRIC WITHSTANDING VOLTAGE	2700	$V_{\text{eff}} \text{ Mini}$
INSULATION RESISTANCE	10000	$M\Omega \text{ Mini}$
HERMETIC SEAL	NA	$\text{Atm.cm}^3/\text{s}$
LEAKAGE (pressurized only)	NA	
MECHANICAL DURABILITY	500	Cycles
WEIGHT	101.1	gr
SPECIFICATION		

CABLES : **KX 13**
KX 4
RG 213
RG 214
RG 225

OTHERS CHARACTERISTICS

ROS : 1.10 a 3 GHz

CABLE RETENTION	250	N Mini
CENTER CONTACT RETENTION		
Axial force - mating end	200	N Mini
Axial force - opposite end	200	N Mini
Torque	NA	cm.N Mini
RECOMMENDED TORQUES		
Mating	3000	cm.N
Panel nut	NA	cm.N
Clamp nut	800	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 0.5 OVER SILVER 3
SILVER 5 OVER COPPER 0.5
SILVER 5 OVER COPPER 0.5
-
-
BBR 2

GAUTIER

ISSUE	CREATION DATE	FILE PART-NUMBER
0224F00	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 .

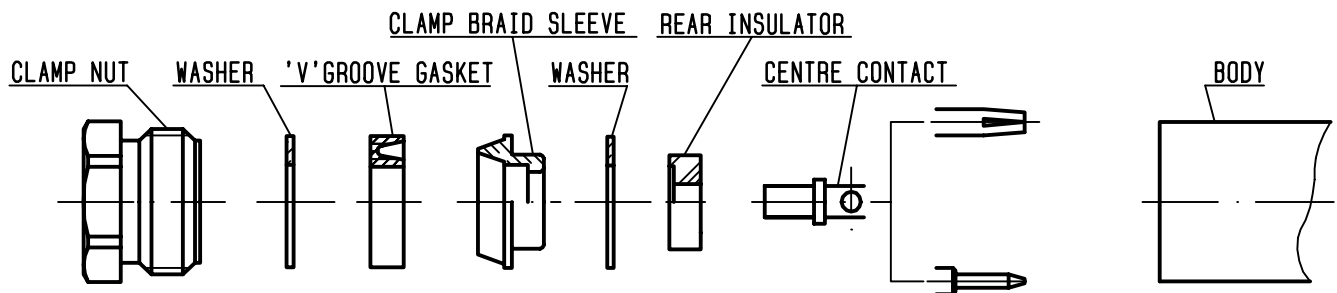
Connect to the future



R185.010.000

ISSUE **0224F00** SERIES

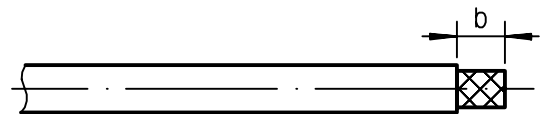
7-16



①

Strip the cable .

-
-
-
-

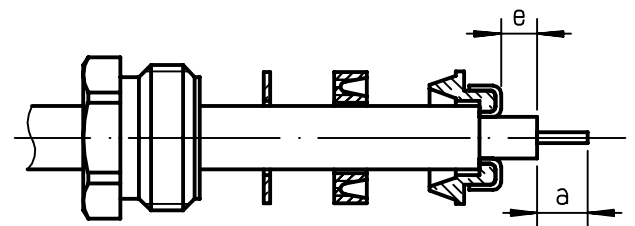


Stripping	a	b	c	d	e
inch	0.197	0.335	0	0	0.059
mm	5	8.5			1.5

②

Slide the clamp nut , the washer and the 'V' groove gasket onto the cable .
Slide clamp braid sleeve over braid .
Fold back braid and trim off surplus braid .
Trim back dielectric as shown .

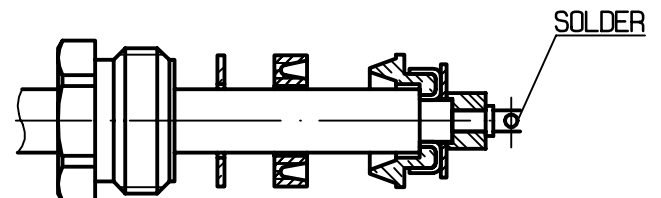
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③

Mount washer and rear insulator .
Solder the cable inner conductor into centre contact .

-
-
-
-



④

Screw sub-assembly into the connector body .
(recommended coupling torque 70.87 in.lb)

-

