



RADIALL[®]
COAXIAL CONNECTORS

TECHNICAL DATA

R129.337.300

Issue : 9426

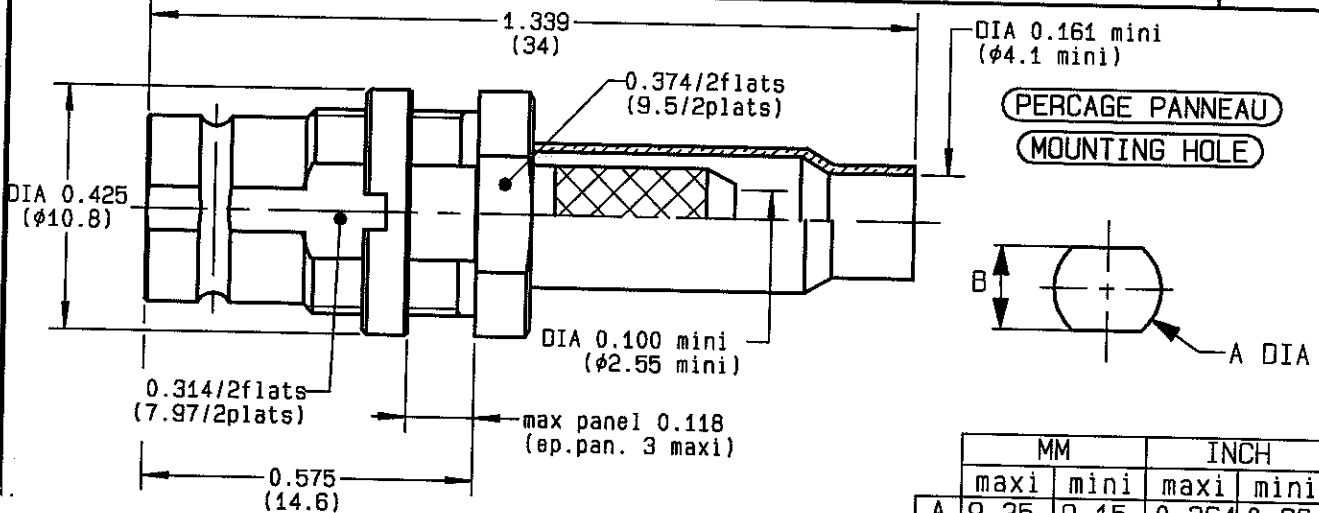
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STRAIGHT BULKHEAD CABLE JACK-CRIMP TYPE
CABLE SP 125

Series : DIN V1.6-5.6

1 / 2

91-0104-002



	MM		INCH	
	maxi	mini	maxi	mini
A	9.25	9.15	0.364	0.36
B	8.2	8.1	0.323	0.319

CABLES : SP 125

CHARACTERISTICS

NOMINAL IMPEDANCE	75 Ω
FREQUENCY RANGE	0-1 GHz
TEMPERATURE RATING	-40/+155 °C
VSWR	1.22 + 0 x F(GHz)Maxi
RF INSERTION LOSS	NA √F(GHz) dB Maxi
VOLTAGE RATING	330 Vrms Max
DIELECTRIC WITHSTANDING VOLTAGE	1500 Vrms min
INSULATION RESISTANCE	10000 MΩ min
HERMETIC SEAL	- cc/s NA Atm.cm3/s
LEAKAGE (pressurized only)	- psi NA MPa
WEIGHT	0 Oz g

STANDARDISATION

DIN 47 295
CEI 169-13
CECC 22 240

CABLE RETENTION	17.96	lb	min
	80	N	
CENTER CONTACT RETENTION			
Axial force - mating end	6.5	lb	min
	27	N	
Axial force - opposite end	6.06	lb	min
	27	N	
Torque (Min)	0	inch.oz	
	NA	cm.N	
RECOMMENDED TORQUES			
Mating	U	inch.lb	
	NA	cm.N	
Panel nut	15.04	inch.lb	
	170	cm.N	
Clamp nut	0	inch.lb	
	N.	cm.N	

CONSTRUCTION

CONNECTOR PARTS	MATERIALS	FINISH
BODY	BRASS	SELECTIVE GOLD OVER NICKEL
OUTER CONTACT	-	-
CENTER CONTACT	BERYLLIUM COPPER	GOLD
INSULATOR	PTFE	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

ISSUE	REVISION No	DESCRIPTION	BY	DATE
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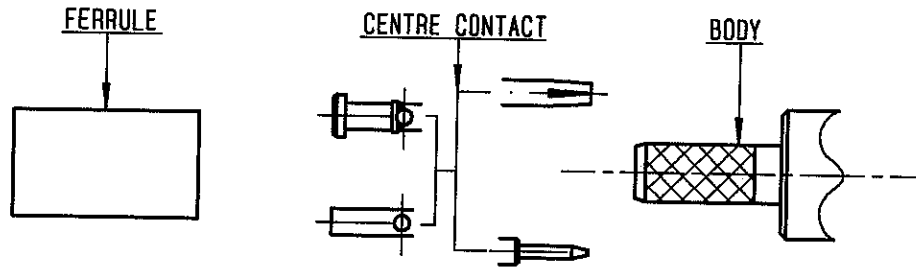
Initiated on 02/04/93

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

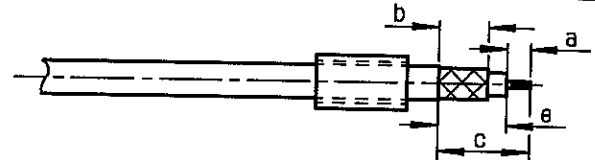


Approval by BAFFERT

GAUTIER

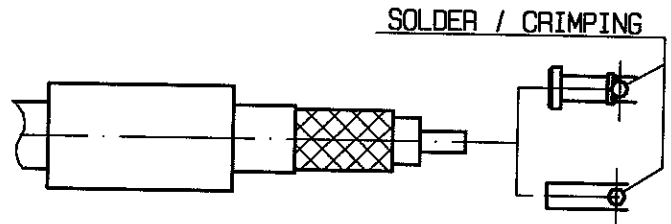


① Slide onto the cable the ferrule
Strip the cable .

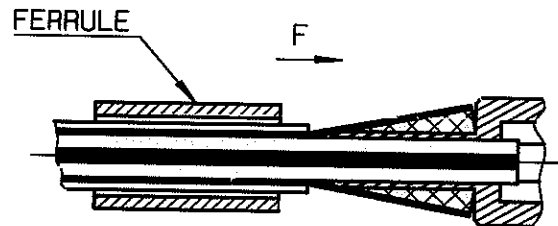


Stripping	a	b	c	d	e
inch	0.157	0.354	0.591	0	0.433
mm	4	9	15	-	11

② Slide on centre contact until it bottoms against cable dielectrique .
Solder or crimp centre contact .
Crimping tool :
R 282 281 000 (position 5) ou
M22520/2-01 + Positionner R282 968 000



③ Fan the braid .
Slide center contact 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. : 0.213) or
crimping tool M22520/5-01 (R 282 293 000)
+ dies M22520/5-11 (R 282 235 011)
Cut the excess of braid .

