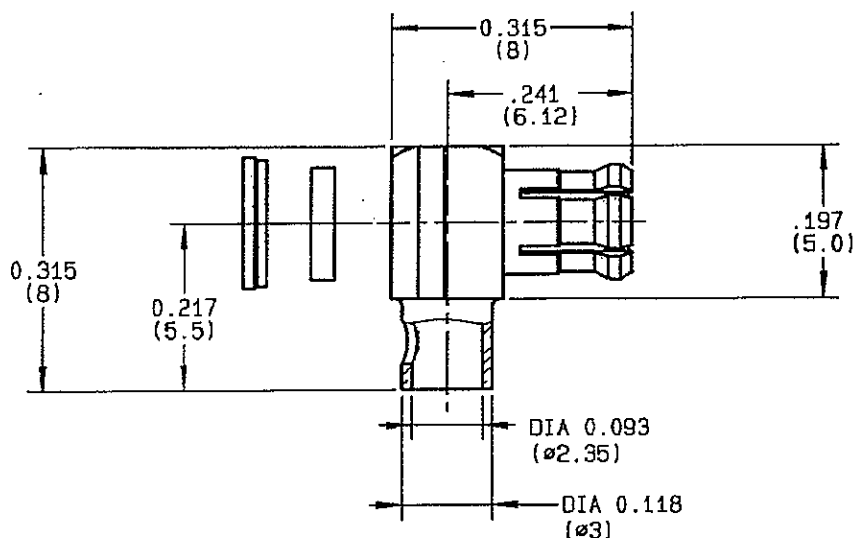


RIGHT ANGLE PLUG SOLDER TYPE
CABLE 2/50 + 2.6/50 + .085
R113.161.000
SERIES
MCX


NOMINAL IMPEDANCE	50	Ω
FREQUENCY RANGE	0-6	GHz
TEMPERATURE RATING	-55/+115	$^{\circ}\text{C}$
V.S.W.R	- +	0 x F(GHz)Maxi
RF INSERTION LOSS	NA	$\sqrt{F}(\text{GHz})$ dB Maxi
VOLTAGE RATING	-	Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	-	Veff Mini
INSULATION RESISTANCE	1000	M Ω Mini
HERMETIC SEAL	NA	Atm.cm ³ /s
LEAKAGE (pressurized only)	NA	MPa
MECHANICAL DURABILITY	500	Cycles
WEIGHT		gr
SPECIFICATION		

CABLES : KS 1

KX 21
 KX 22A
 RG 174
 RG 178
 RG 188
 RG 196
 RG 316
 RG 405

OTHERS CHARACTERISTICS

CABLE RETENTION	-	N Mini
CENTER CONTACT RETENTION		
Axial force - mating end	10	N Mini
Axial force - opposite end	10	N Mini
Torque	NA	cm.N Mini
RECOMMENDED TORQUES		
Mating	NA	cm.N
Panel nut	NA	cm.N
Clamp nut	NA	cm.N

CONNECTOR PARTS	MATERIALS	FINISH	(all values are given) in micrometers
BODY	BRASS	GOLD 0.2 OVER NICKEL 2	
OUTER CONTACT	BERYLLIUM COPPER	GOLD 0.5 OVER NICKEL 2	
CENTER CONTACT	BRASS	GOLD 1.3 OVER NICKEL 2	
INSULATOR	PTFE	-	
GASKET		-	
OTHERS PIECES			

ISSUE
0516 E
CREATION DATE
30-AUG-88
FILE PART-NUMBER

RADIAL®

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

Connect to the future

CABLE 2/50

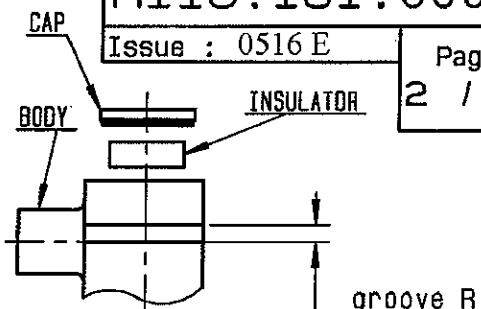
R113.161.000

Issue : 0516 E

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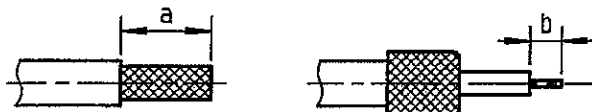
VSWR	1.63	max
VOLTAGE RATING	170	Vrms max
DIELECTRIC WITHSTANDING VOLTAGE	500	Vrms min
STANDARDISATION	CECC 22 221 814	
CABLE RETENTION	7.05	lb min
	32	N min



We recommend a thermal preconditioning cable

①

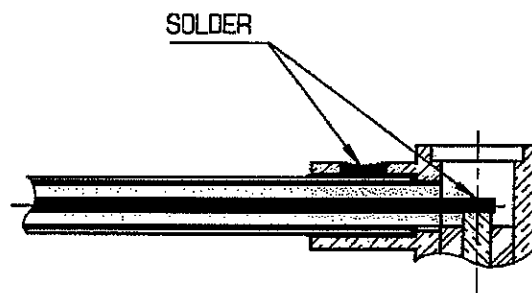
Strip the cable.
To return the braid.
Strip the dielectric.
To tin cable inner conductor.



Stripping	a	b	c	d	e
inch	0.118	0.055	0	0	0
mm	3	1.4	-	-	-

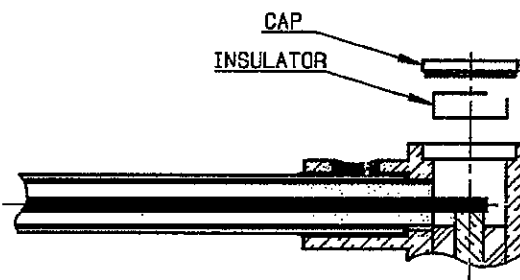
②

To push the cable into the connector body until contact with it.
to solder the cable on the connector body.
To solder cable inner conductor into the centre contact.
To clean soldering area.



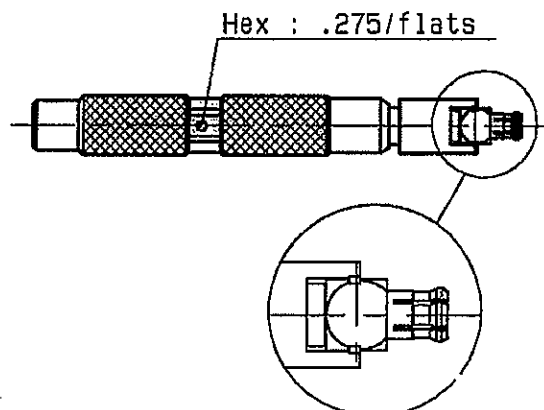
③

Introduce the insulator into the body.
Press fit the cap.

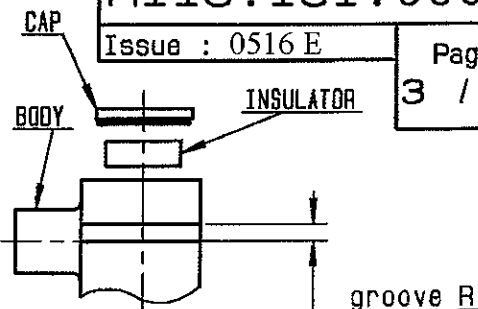


④

Slide mounting tool R282 868 onto the body grooves .
Press fit the cap turning tool handle with adapted wrench .275(AF) (cap in the same plan than square face) .



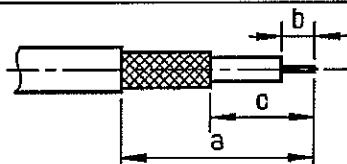
VSWR	1.63	max
VOLTAGE RATING	335	Vrms max
DIELECTRIC WITHSTANDING VOLTAGE	750	Vrms min
STANDARDISATION	CECC 22 221-002	
CABLE RETENTION	11.925lb	min
	53	N min



We recommend a thermal preconditioning cable

①

Strip the cable.
To tin cable inner conductor.

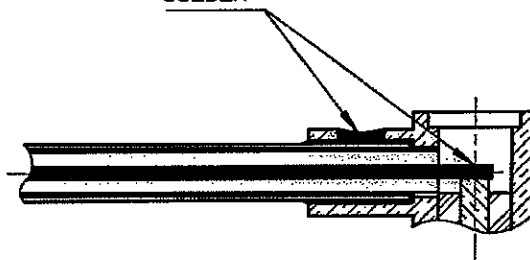


Stripping	a	b	c	d	e
inch	0.236	0.055	0.118	0	0
mm	6	1.4	3	-	-

②

To push the cable into the connector body until contact with it.
to solder the cable on the connector body.
To solder cable inner conductor into the centre contact.
To clean soldering area.

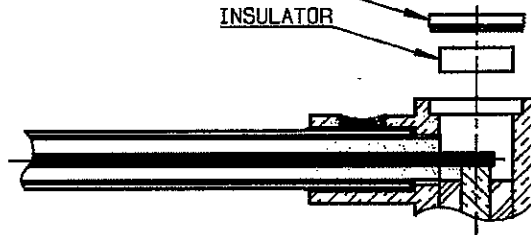
SOLDER



③

Introduce the insulator into the body.
Press fit the cap.

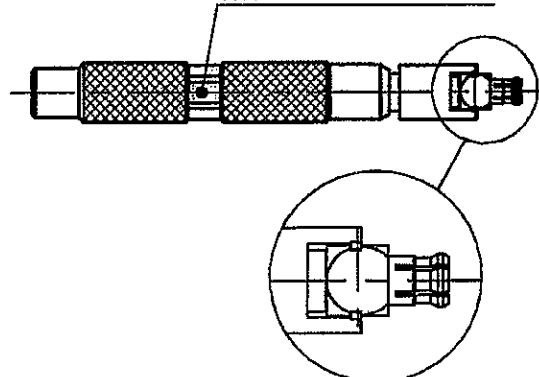
CAP
INSULATOR



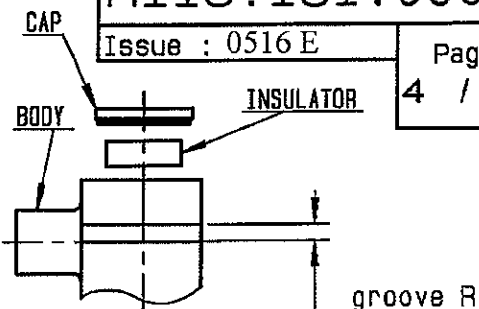
④

Slide mounting tool R282 868 onto the body grooves.
Press fit the cap turning tool handle with adapted wrench .275(AF) (cap in the same plan than square face).

Hex : .275/flats



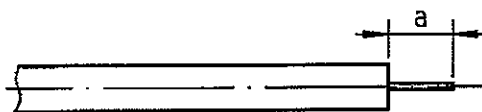
VSWR	1.63	max
VOLTAGE RATING	250	Vrms max
DIELECTRIC WITHSTANDING VOLTAGE	750	Vrms min
STANDARDISATION	CECC 22 221	MCX
CABLE RETENTION	34.875lb	min
	155	N min



We recommend a thermal preconditionning cable

①

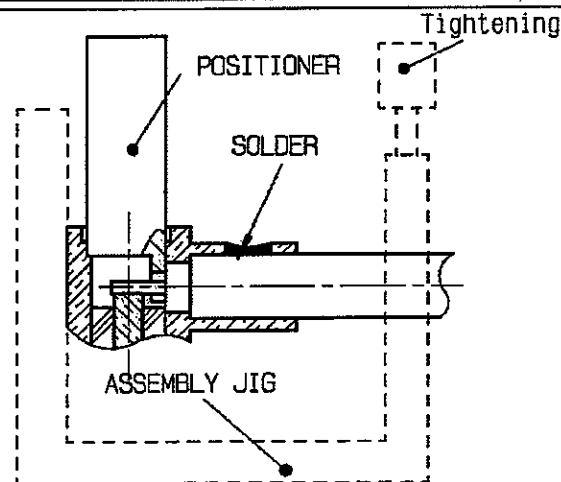
Strip the cable.
To clean the cable.
To tin cable inner conductor.



Stripping	a	b	c	d	e
inch	0.091	0	0	0	0
mm	2.3	-	-	-	-

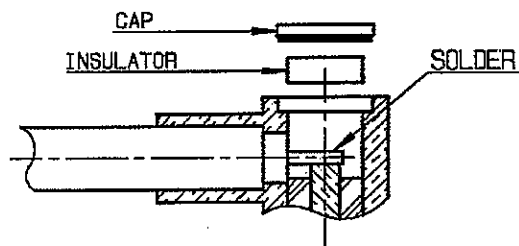
②

- 1 -Introduce the positioner R282 864 000 and the cable into the connector body until contact with the body shoulder, place the sub assembly into the assembly jig R282 740 020 and tighten it.
- 2 -Solder body on the cable and let assembly cool down before removing it from the jig.
- 3 -To clean soldering area.



③

To solder cable inner conductor into the centre contact.
To clean soldering area.
Introduce the insulator into the body.
Press fit the cap.



④

Slide mounting tool R282 868 onto the body grooves .
Press fit the cap turning tool handle with adapted wrench .275(AF) (cap in the same plan than square face) .

