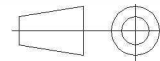
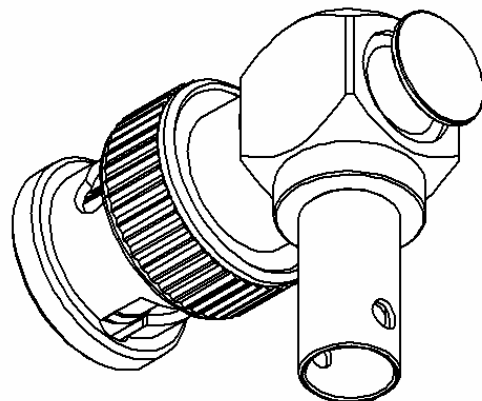
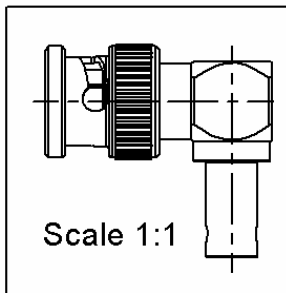
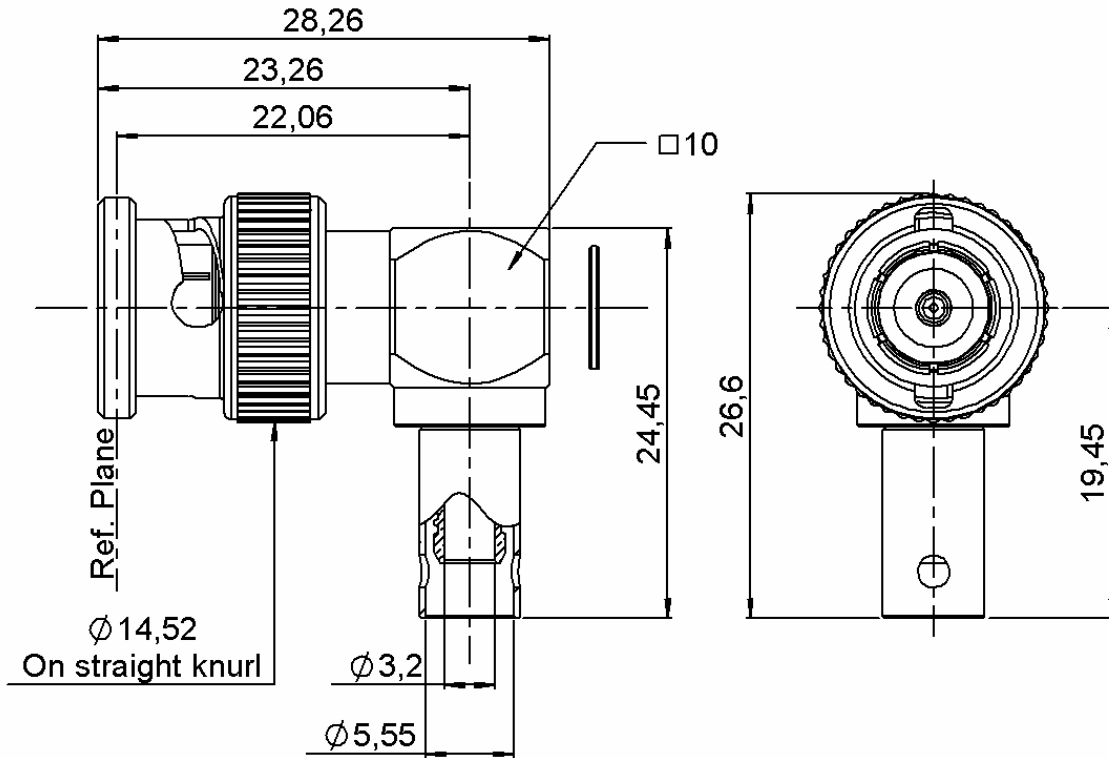


NON MAGNETIC RIGHT ANGLE PLUG CRIMP TYPE
CABLE 5/50 S-BR

R141.182.177

Series : BNC



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING (µm)
BODY	BRONZE	BBR 2
CENTER CONTACT	BRONZE	GOLD 1.3 OVER COPPER 2.5
OUTER CONTACT	BERYLLIUM COPPER	BBR 2
INSULATOR	PTFE	
GASKET	SILICONE	
OTHERS PARTS	BERYLLIUM COPPER - BRONZE	BBR 2
-	-	-
-	-	-

Issue : 0843 B

In the effort to improve our products, we reserve the right to make changes judged to be necessary.



**NON MAGNETIC RIGHT ANGLE PLUG CRIMP TYPE
CABLE 5/50 S-BR**

R141.182.177

Series : BNC

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-4	GHz
VSWR	1.30 + 0,0000	x F(GHz) Maxi
Insertion loss	0.2	\sqrt{F} (GHz) dB Maxi
RF leakage	- (60)	- F(GHz)) dB Maxi
Voltage rating	500	Veff Maxi
Dielectric withstanding voltage	1500	Veff mini
Insulation resistance	5000	M Ω mini

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	2,00	7,50	16,0	0,00	14,0	0,00

Assembly instruction :

Recommended cable(s)
NON MAGNETIC CABLE

Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly

Cable retention

- pull off	TBD	N mini
- torque	NA	N.cm

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	18	N mini
Axial force – Opposite end	18	N mini
Torque	NA	N.cm mini

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.235.011	CRIMPING DIES M22520/5-11	5.41
R282.271.000	CRIMPING TOOL	5.41
R282.293.000	CRIMPING TOOL M22520/5-01	

Recommended torque		
Mating		N.cm
Panel nut		N.cm
Clamp nut		N.cm
A/F clamp nut	0,0000	mm
Mating life	500	Cycles mini
Weight	18,2000	g

OTHER CHARACTERISTICS

Distortion of the magnetic field <0.5ppm
at Bo = 1.5 Tesla
Force to engage and disengage : 13.6 N
Coupling mechanism retention axial force : 454 N

ENVIRONMENTAL

Operating temperature	-65/+165	$^{\circ}$ C
Hermetic seal		Atm.cm3/s
Panel leakage		

Issue : 0843 B

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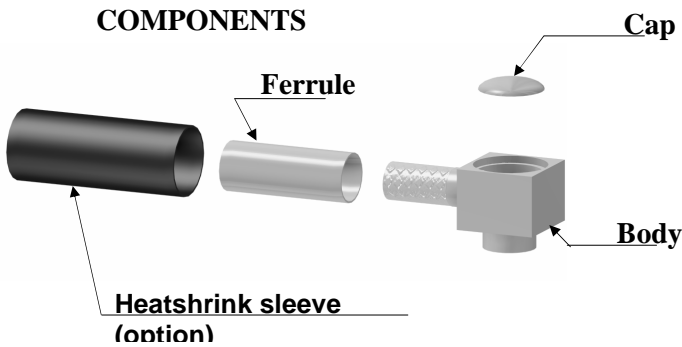


**NON MAGNETIC RIGHT ANGLE PLUG CRIMP TYPE
CABLE 5/50 S-BR**

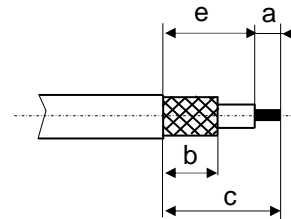
R141.182.177

Series : BNC

COMPONENTS

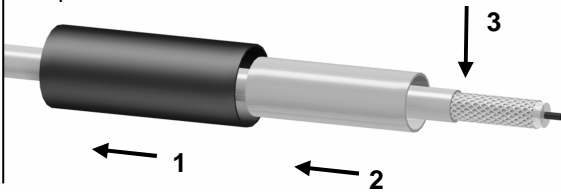


STRIPPING DIMENSIONS



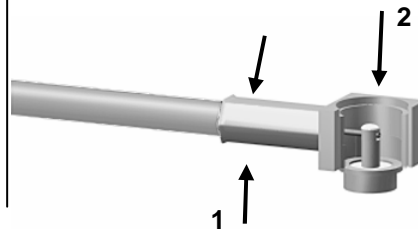
1

Slide the heatshrink sleeve onto the cable (Option).
Slide the ferrule onto the cable.
Strip the cable.



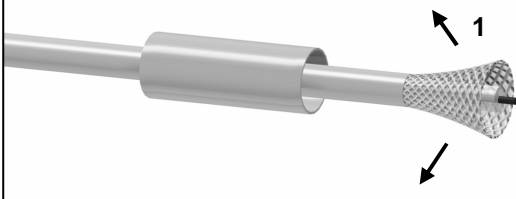
4

1. Crimp the ferrule with crimping tool (see connector TDS). 2. Solder the inner conductor.



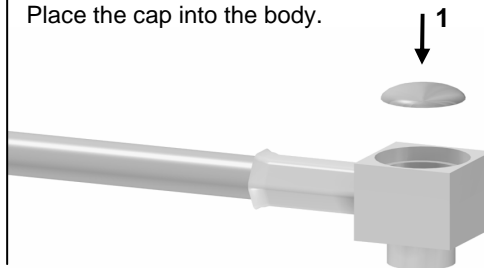
2

Fan the braid.



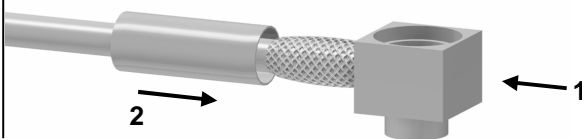
5

Place the cap into the body.



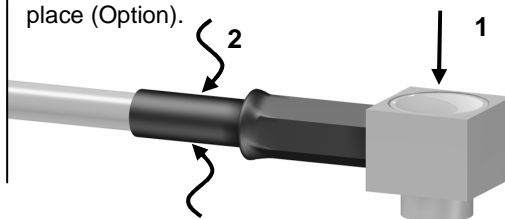
3

Push the connector body under the braid.
Slide the ferrule over the braid.



6

Press on the cap flush or slightly below the surface of the body assembly.
Slide the sleeve over the ferrule and heatshrink it in place (Option).



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