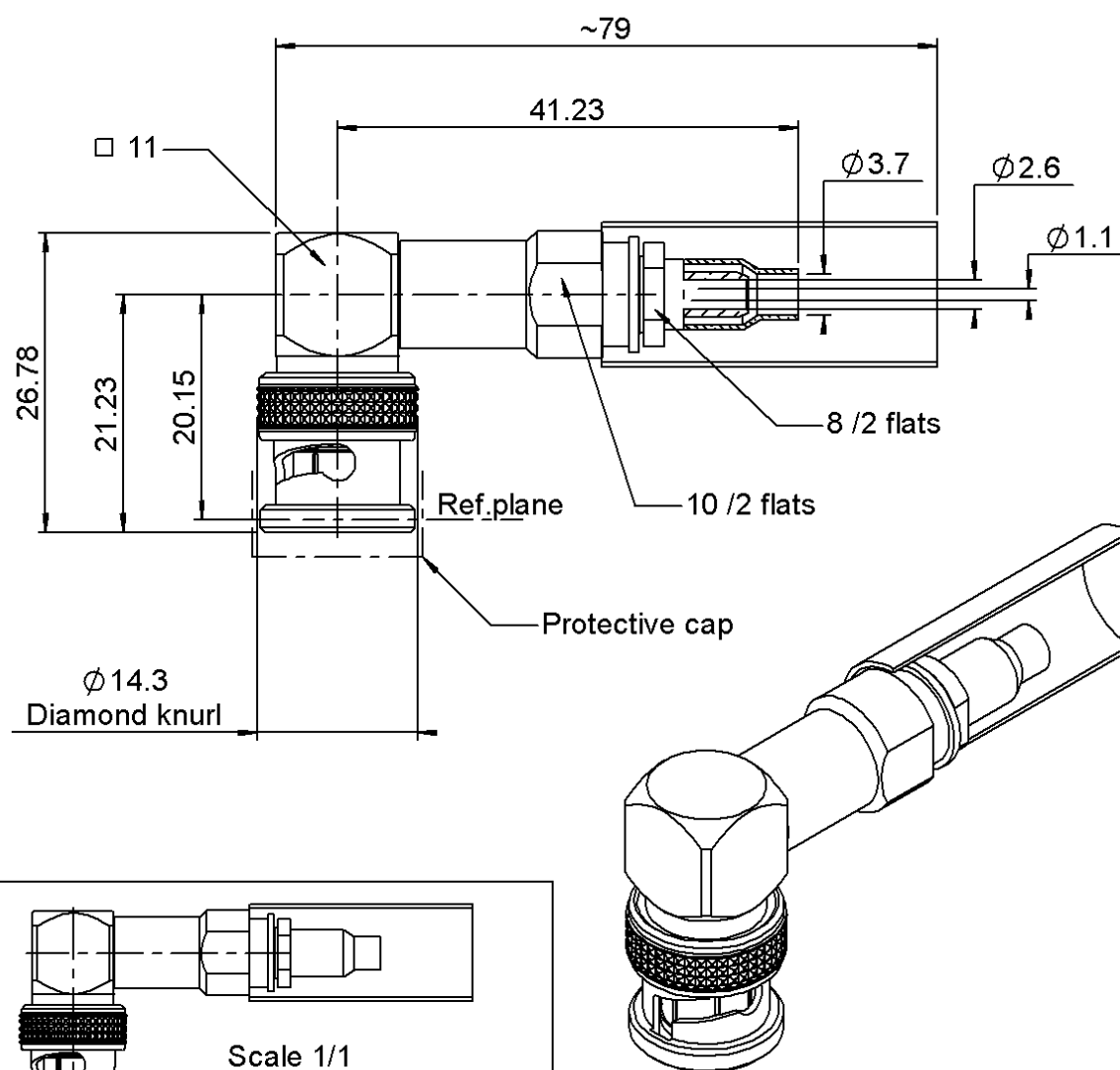


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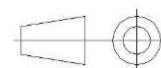
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SERIES BNC

PART NUMBER R141195020



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
Body	BRASS	NICKEL 2
Center contact	BERYLLIUM COPPER, BRASS	GOLD 0.5 OVER NICKEL 2
Outer contact	-	-
Insulator	PTFE	-
Gasket	SILICONE RUBBER	-
Others parts	BRASS	NICKEL 2
-	-	-
-	-	-

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PACKAGING

Standard	Unit	Other
100	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-4	GHz
VSWR	1.4 + 0,0000	x F(GHz) Maxi
Insertion loss	0.2	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	57	- F(GHz)) dB Maxi
Voltage rating	500	Veff Maxi
Dielectric withstanding voltage	1000	Veff mini
Insulation resistance	5000	M Ω mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	27	N mini
Axial force – Opposite end	27	N mini
Torque	NA	N.cm mini

Recommended torque		
Mating	NA	N.cm
Panel nut	NA	N.cm
Clamp nut	170	N.cm
A/F clamp nut	8,0000	mm

Mating life	500	Cycles mini
Weight	27,3820	g

ENVIRONMENTAL

Operating temperature	-65/+165	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	9	9	23	0	0	0

Assembly instruction:

Recommended cable(s)

GSC-03-81748-00

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	120	N mini
- torque	NA	N.cm

TOOLING

Part Number	Description	Hexagon
R282293000	CRIMPING TOOL M22520/5-01	
R282235011	CRIMPING DIES M22520/5-11	5.41
282997	POSITIONER FOR TOOL 282.291(M22520/1-13)	Red
282291	CRIMPING TOOL M22520/1-01	2x4 pts(pos 7)

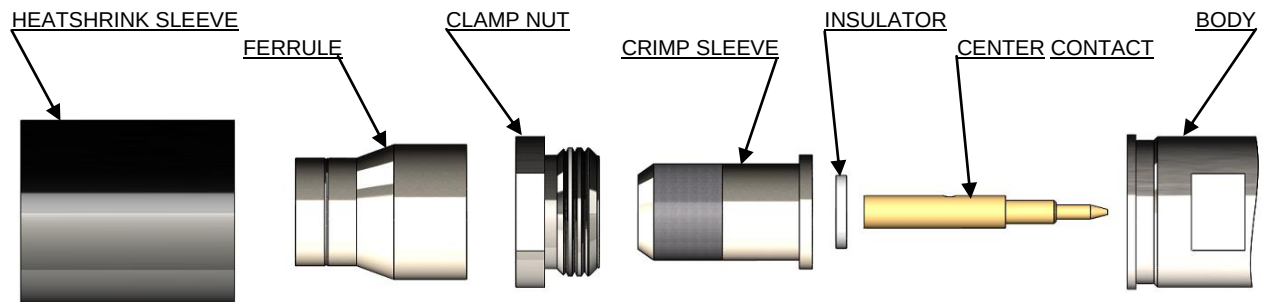
OTHER CHARACTERISTICS

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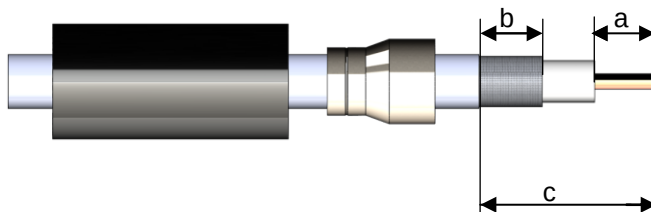
SERIES BNC

PART NUMBER R141195020



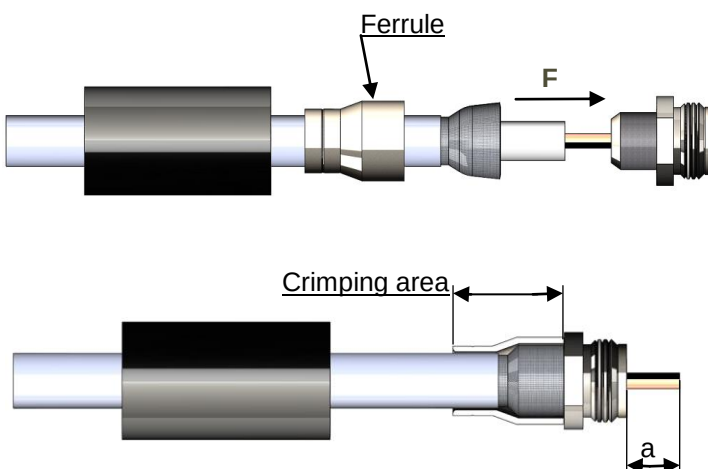
1

Slide onto the cable the heatshrink sleeve and the ferrule.
Strip the cable and cut the foil under the braid.
Optionally, to facilitate the stripping of the inner cable, the length "a" could be stripped after crimping of the ferrule.



2

Slide the clamp nut onto the crimp sleeve.
Slide sub-assembly under the braid.
Slide ferrule over the braid against clamp nut. (In direction F)
Crimp the ferrule with crimping tool + dies



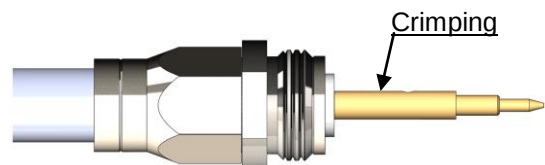
3

The dielectric must be in the same plane as the face of the crimp sleeve. Cut the dielectric flush to crimp sleeve if it exceeds. Clean the dielectric side.
Mount insulator against crimp sleeve.



4

Slide the center contact onto the cable inner conductor against insulator.
Crimp the center contact with the crimping tool and the positioner.



5

Screw sub-assembly into the connector body.
(recommended coupling see the connector TDS)
Slide sleeve heatshrink over ferrule and put in the place as below.

