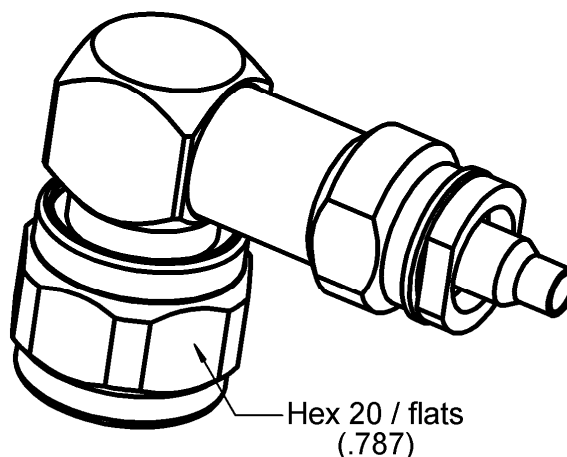
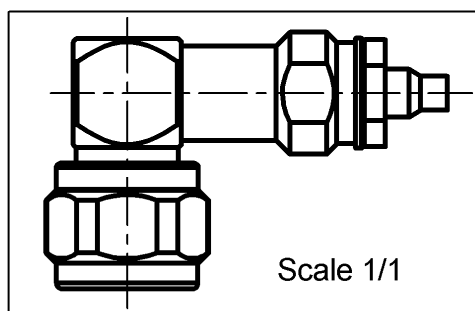
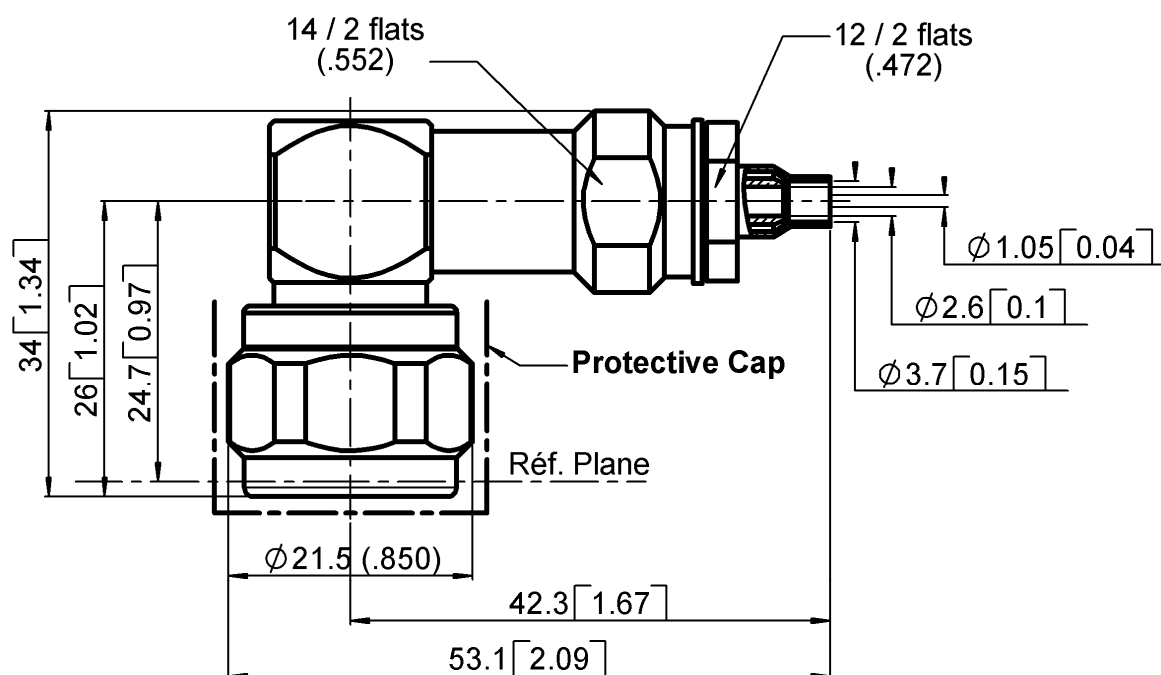


RIGHT ANGLE PLUG CRIMP TYPE

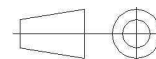
CABLE 3.55/50 S

R161.173.020

Series : N



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	BRASS	NICKEL 2
CENTER CONTACT	BERYLLIUM COPPER, BRASS	GOLD 0.5 OVER NICKEL 2
OUTER CONTACT	BRASS	NICKEL 2
INSULATOR	PTFE	
GASKET	SILICONE RUBBER	
OTHERS PARTS	BRASS	NICKEL 2
-	-	-
-	-	-

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



RIGHT ANGLE PLUG CRIMP TYPE

CABLE 3.55/50 S

R161.173.020

Series : N

PACKAGING

Standard	Unit	Other
50	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-4	GHz
VSWR	1.40 + 0,0000	x F(GHz) Maxi
Insertion loss	0.48	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (*90	- F(GHz)) dB Maxi
Voltage rating	500	Veff Maxi
Dielectric withstanding voltage	1500	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	420 N.cm
Panel nut	NA N.cm
Clamp nut	370 N.cm
A/F clamp nut	12,0000 mm

Mating life	500 Cycles mini
Weight	52,2800 g

ENVIRONMENTAL

Operating temperature	-55/+155 °C
Hermetic seal	NA Atm.cm3/s
Panel leakage	NA

SPECIFICATIONCABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	0,00	9,00	23,0	0,00	0,00	0,00

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	150 N mini
- torque	NA N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.
282.291	CRIMPING TOOL M22520/1-01	2x4 (pos 7)
282.997	POSITIONER FOR TOOL 282.291	Red
R282.235.011	CRIMPING DIES M22520/5-11	5.41
R282.293.000	CRIMPING TOOL M22520/5-01	

OTHERS CHARACTERISTICS

* at 1GHz

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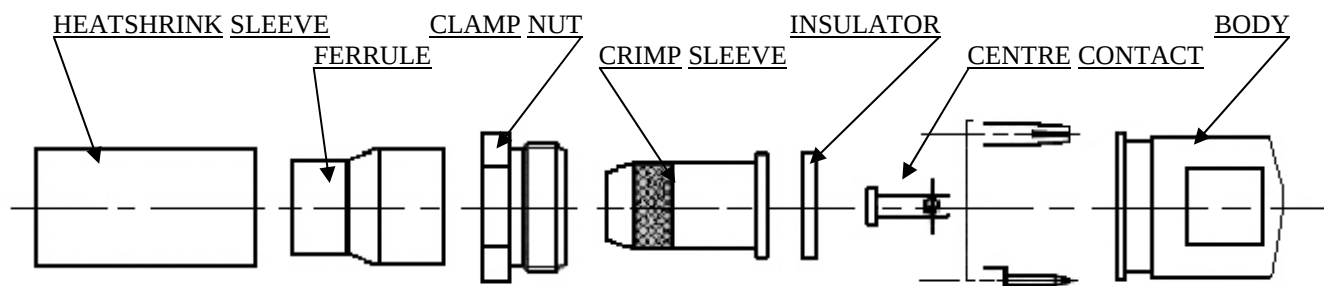
RIGHT ANGLE PLUG CRIMP TYPE

CABLE 3.55/50 S

R161.173.020

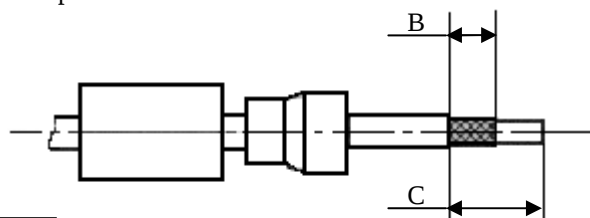
Series : N

COMPONENTS



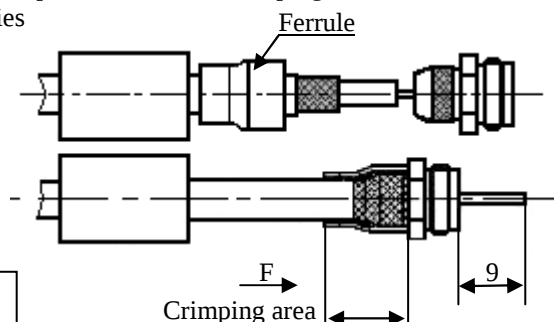
1

Slide onto the cable the heatshrink and the ferrule.
Strip the cable.



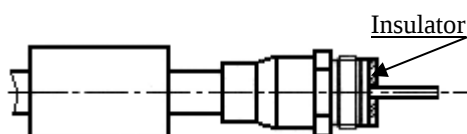
2

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



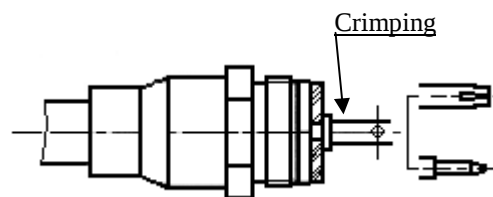
3

Cut the dielectric flush to crimp sleeve.
Mount insulator against crimp sleeve.



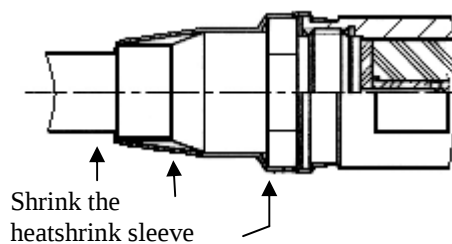
4

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



5

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



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