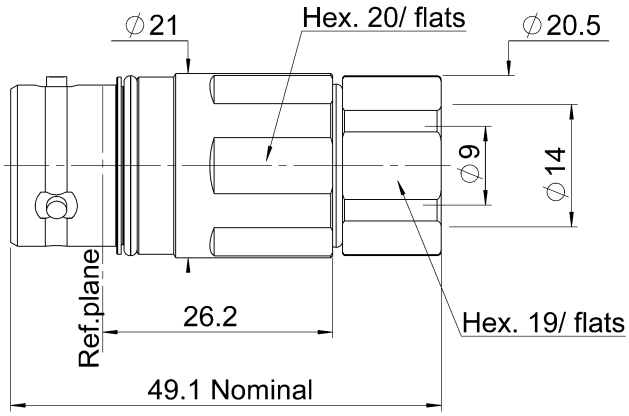
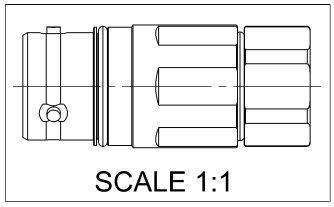
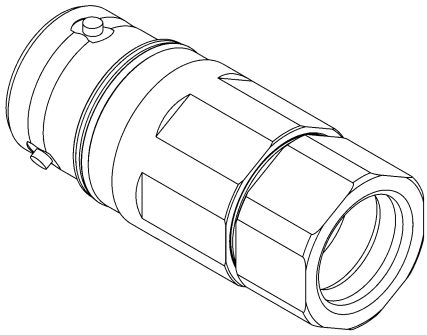
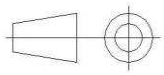






All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
Body	**BRASS**	**BBR**
Center contact	**BRONZE**	**SILVER**
Outer contact		
Insulator	**PTFE**	
Gasket	**SILICONE RUBBER**	
Others parts	**BRASS**	**BBR**
-	-	-
-	-	-

PACKAGING

Standard	Unit	Other
50	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance			50	Ω
Frequency			0-6	GHz
VSWR	1.04	+	0.0200	x F(GHz) Maxi
Insertion loss			0.05	√F(GHz) dB Maxi
RF leakage	- (		NA	- F(GHz)) dB Maxi
Voltage rating			1400	Veff Maxi
Dielectric withstanding voltage			2500	Veff mini
Insulation resistance			5000	MΩ mini

ENVIRONMENTAL

Operating temperature	-55~+120	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	50	N mini
Axial force – Opposite end	30	N mini
Torque	NA	N.cm mini
Recommended torque		
Mating	NA	N.cm
Panel nut	NA	N.cm
Clamp nut	950	N.cm
A/F clamp nut	19.0000	mm
Mating life	100	Cycles mini
Weight	70.7460	g

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	7	13	20	0	0.8	0

Assembly instruction:

Recommended cable(s)

FSJ4RN-50B
HCF1/2"CuH-50oAlCu

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	350	N mini
- torque	NA	N.cm

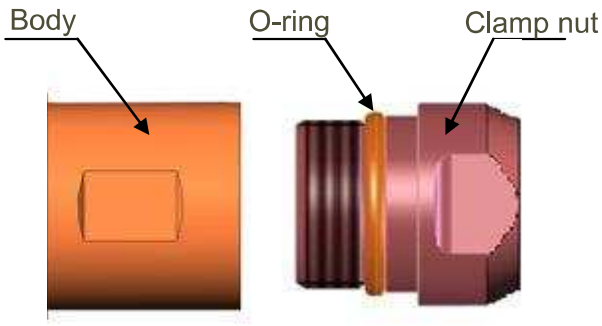
TOOLING

Part Number	Description	Hexagon
.	.	.

OTHER CHARACTERISTICS

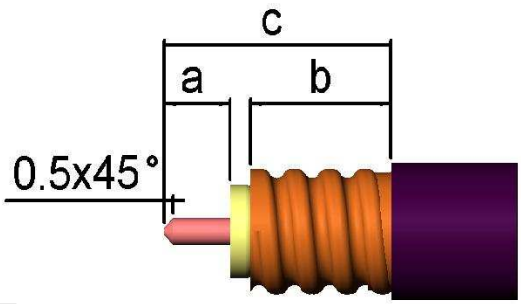
IP67 mated condition

COMPONENTS



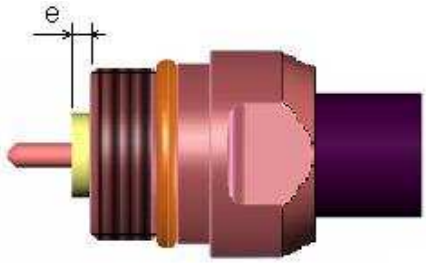
1

- Strip the cable.
- Do not damage the outer conductor.
- The end surface of inner conductor should be chamfered.
- Remove impurities such as copper scraps and burrs on the end surface of the cable.



2

- Put the O-ring onto the clamp nut.
- Screw the clamp nut along the outer conductor of the cable, make sure dimension **e** is ok after tightening.



3

- Screw the body onto the cable assembly.
- Recommended coupling torque: 950N.cm