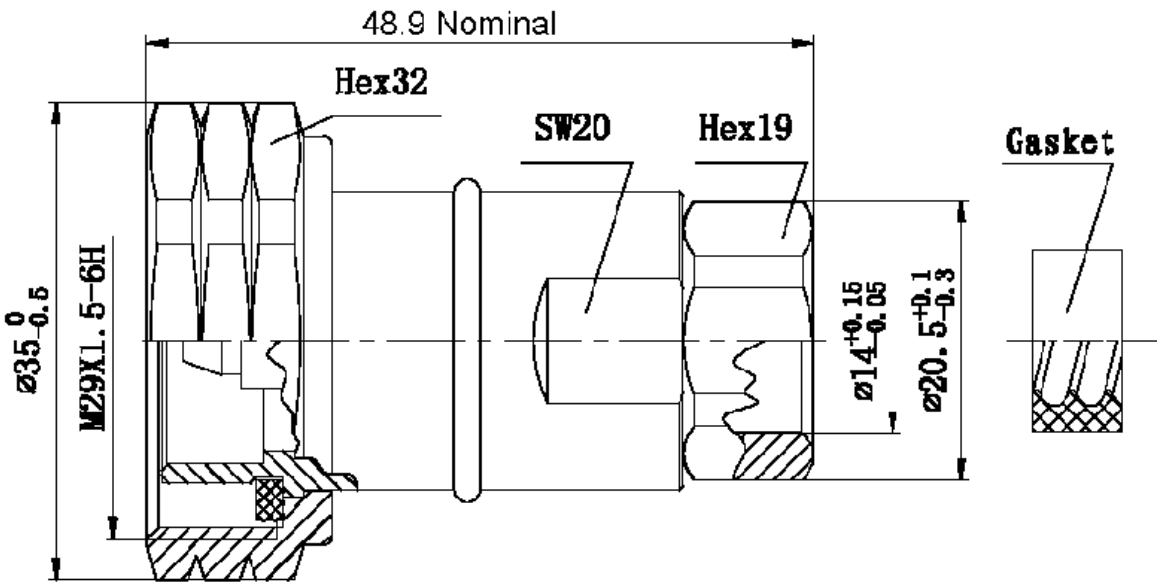
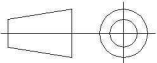


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All dimensions are in mm.



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

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SERIES **ECO 7/16**

PART NUMBER **R185A031200**

PACKAGING

Standard	Unit	Other
20	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-3	GHz
VSWR	1.10 + 0,0000	x F(GHz) Maxi
Insertion loss	0.05	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (NA)	- F(GHz)) dB Maxi
Voltage rating	1270	Veff Maxi
Dielectric withstanding voltage	2000	Veff mini
Insulation resistance	10000	M Ω mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	200	N mini
Axial force – Opposite end	50	N mini
Torque	NA	N.cm mini
Recommended torque		
Mating	3500	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	156,2000	g

ENVIRONMENTAL

Operating temperature	-40/+85	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	10	27	0	0	0	0

Assembly instruction:

Recommended cable(s)

FSJ4RN-50B
M2839Z
M2830Z

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

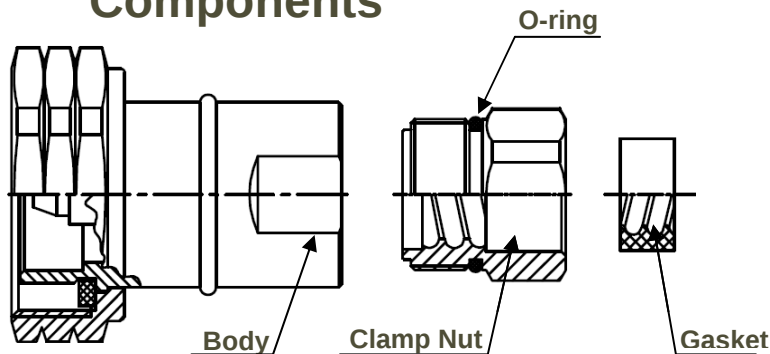
TOOLING

Part Number	Description	Hexagon
R282010050	STRIPPING TOOL	
R282303220	TORQUE SPANNER .708 in 84.075 in.lb	

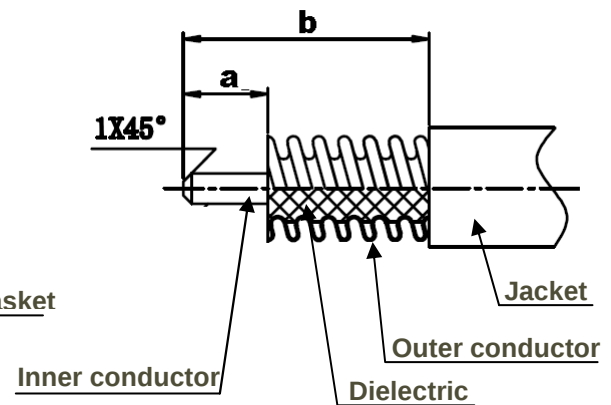
OTHER CHARACTERISTICS

Watertightness:IP67

Components

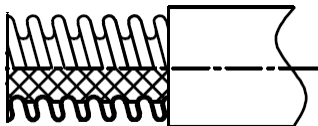


Stripping Dimension



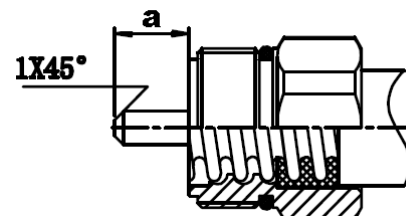
1

- Strip the cable (Remove the Jacket).
- Do not damage the outer conductor.
- Remove impurities such as copper scraps and burrs on the end surface of the cable.



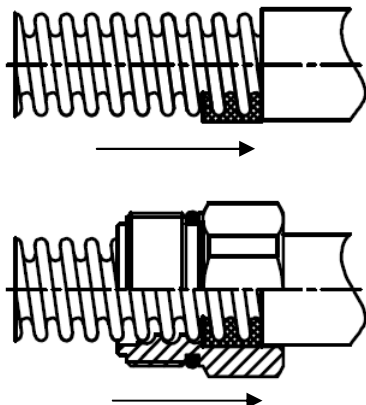
3

- Cut off the outer conductor and Dielectric of cable according to the Stripping dimension.
- Ensure the surface of the Outer conductor and Dielectric in the same plane of the Clamp nut.
- 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

- Screw Gasket on the outer conductor of cable.
- Put the O-ring onto the Clamp nut.
- Screw the Clamp nut in the bottom of cable.



4

- Screw the Body in the Clamp nut. (Keep the cable and clamp nut no moving)

