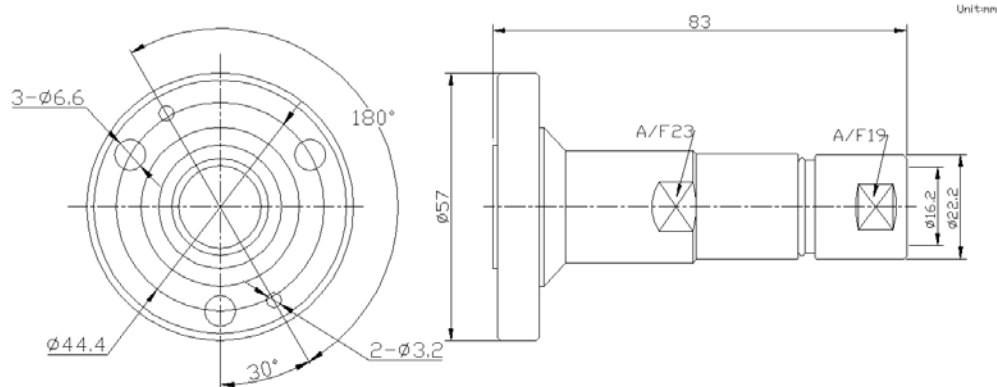


7/8" EIA (Flange) Connector For 1/2" Feeder(Flexible) Cable(7/8EIA-J1/2A)

(Contact attachment: Inner: captivated; Outer: clamp)



Interface

According to

IEC 60339-2

Electrical

Characteristic Impedance

$50 \pm 1\Omega$

Operating Frequency Range

DC-5GHz

VSWR

1.07@DC-1000MHz; ≤ 1.20 @DC-2500MHz

Dielectric Withstanding Voltage

$\geq 6000\text{V RMS}$, 50Hz, at sea level

Working Voltage

$\leq 2100\text{V RMS}$, 50Hz, at sea level

Dielectric Resistance

$\geq 5000\text{M}\Omega$

Average Power

2.3KW@900MHz

Peak Power Maximum

90KW

Contact Resistance

Center Contact $\leq 1.5\text{m}\Omega$

Outer Contact $\leq 1.5\text{m}\Omega$

Mechanical

Durability

Mating cycles ≥ 100

Material and plating

Component	Material	Plating
Body	Brass	Ni
Insulator	PTFE	—
Center conductor	Brass	Ag
Coupling flange	Brass	Ni
Back nut	Brass	Ni
Shield clamp	Brass	Ni
Gasket	Silicone rubber	—
Hardware kits	Stainless steel	—

Environmental

Temperature Range

$-45^\circ\text{C} \sim +85^\circ\text{C}$

Protection Rate

IP 67

RoHS

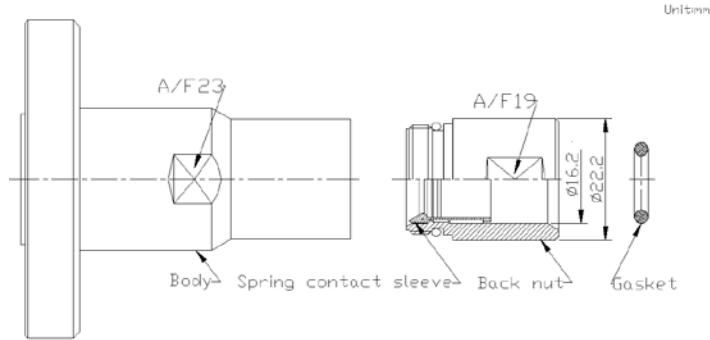
Compliant

Notes: Suited Cable: Commscope LDF4-50A, RFS LCF12-50, Hansen 1/2", Lenoir 1/2"R, Eupen EC4-50

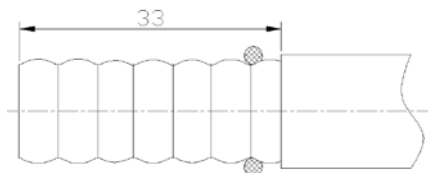
One coupling element(bullet) is available; Hardware kits include: 3 pieces of each bolt, nut, lock washer and flat washer.

Assembly Instruction

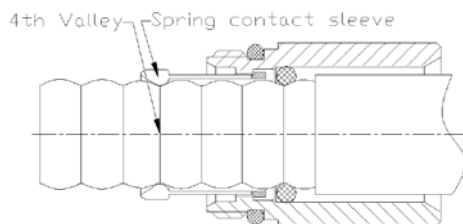
7/8"EIA (Flange) Connector For 1/2" Feeder(Flexible) Cable(7/8EIA-J1/2A)



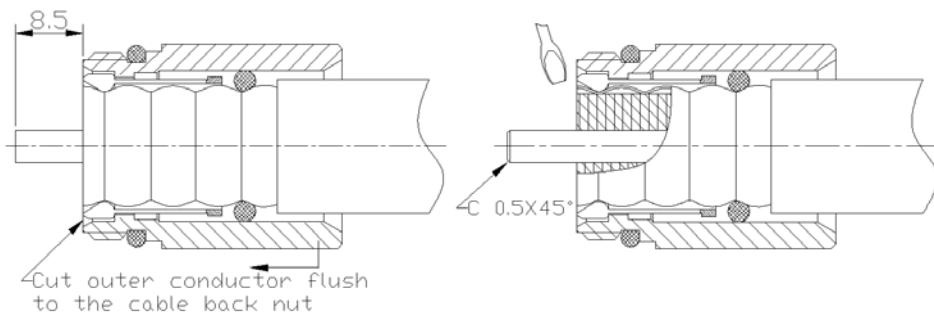
1. Strip the cable jacket to the dimension, slide the gasket on the outer conductor valley, and Apply on the gasket a light film of silicone grease as shown below.



2. Push the back nut onto the cable until the spring contact sleeve snaps into the 4th corrugation valley as shown below.



3. Slide the back nut onto the spring contact sleeve until stop; Carefully cut the cable outer conductor flush to the cable guide; Flare the corrugated outer conductor with slotted screw driver(or equivalent tool) and charmer the center conductor as shown below.



4. Clean the center conductor and outer conductor, slide the body onto the above prepared cable And screw the back nut against the body together as shown below.

