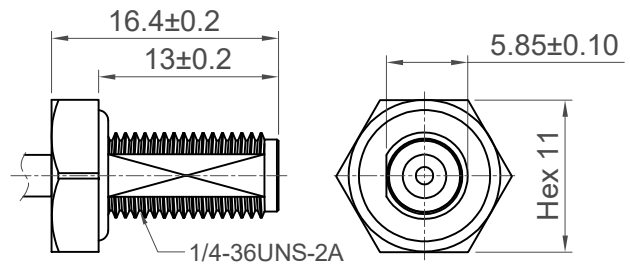


Recommended SMA Mounting Hole



SMA Detail Dimension

Specifications

Material

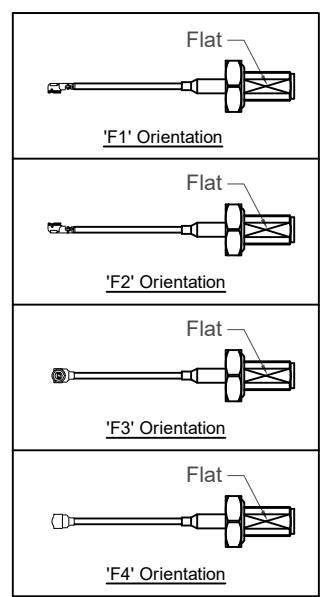
1. I-PEX MHF 4 Plug, P/N: 20448-001R-081.
2. Ø0.81mm Coaxial Cable, Colour: Grey.
3. SMA Straight Bulkhead Jack With O-ring, IP67 Gold Plated, P/N: RFCT-SMA154-F08
4. O-ring: Silicone Rubber, Black
5. Washer: Brass, Gold Plated
6. Nut: Brass, Gold Plated
7. Heat Shrink Tube: Black

Electrical

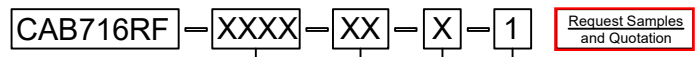
1. Impedance: 50 Ohm
2. Working Frequency Range: DC - 6GHz

Mechanical & Environmental

1. Operating Temperature: -40°C to +85°C
2. Ingress Protection Rating: IP67
IP6X - Dust tight - no particle ingress.
IPX7 Waterproof for 30 minutes up to 1m underwater. (Requires plug with inner gasket)
3. The orientation of connectors on drawing is for reference only, If the order is left blank the connector will not have fixed orientation.
4. Fixed orientation is suggested for cable length 50mm to 100mm. Please specify the fixed orientations from the order code (F1, F2, etc.)
5. Contact GCT if the orientation you require is not shown.



Ordering Grid



"L" Length in mm:
eg: 100mm = 0100
(Min. 0050 - Max. 0400)
Standard = 0050, 0100, 0200, 0300
Tolerance: 50mm: ±2mm.
51-200mm: ±5mm.
201-400mm: ±7mm.

Cable Size:
1 = Ø0.81mm Coaxial Cable, Colour: Grey.

Washer and nut options:
A = All Assembled with Connector (Standard)
Blank = Separately Packed

Orientation Options:
Blank = Does not have a fixed orientation
F1 = MHF connection down (L=50-200mm)
F2 = MHF connection up (L=50-200mm)
F3 = MHF connection and SMA D flat same orientation (L=50-200mm)
F4 = MHF connection and SMA D flat opposite orientation (L=50-200mm)
(See notes 1, 2, 3 and diagrams for more information)

Usage precautions: cables using 'micro' coax are delicate:

- Handle with care.
- Do not twist; apply excessive forces or sharp bends to the cable. Do not forcefully deform wires.
- Consult connector manufacturer's datasheets for detailed notes on handling instructions.

Part Number CAB716RF		Product Description I-PEX MHF 4 Plug to SMA Bulkhead Jack, With O-ring, IP67, 0.81mm Cable, 6GHz	
Drawing Date 18th June 2025			
By MW	Detail Drawing Release	Tolerances (Except as Noted) Length ± 0.20	Units: Metric (mm)
Revision A1	Date 17/04/26	Angle -	3rd Angle Projection
		This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE	
Not to Scale	Drawn By MW	Sheet No. 1/1	

