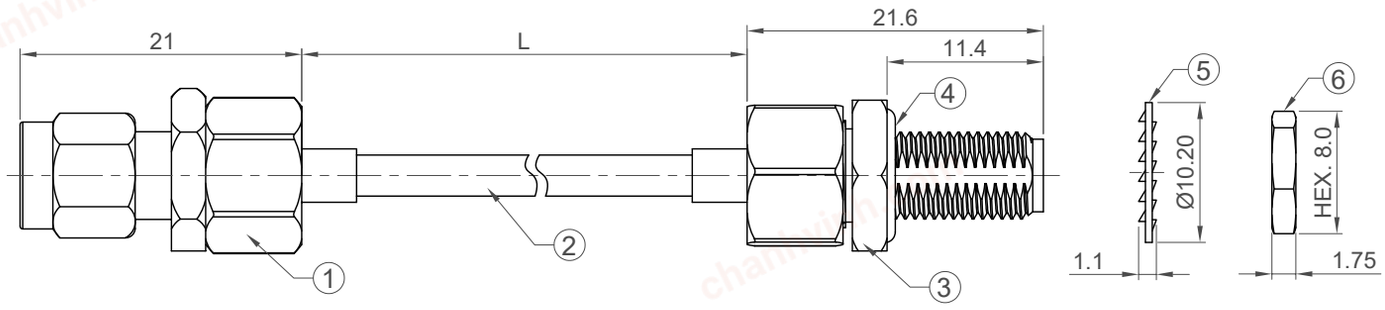
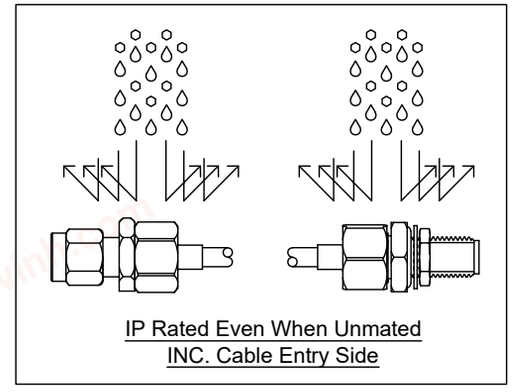
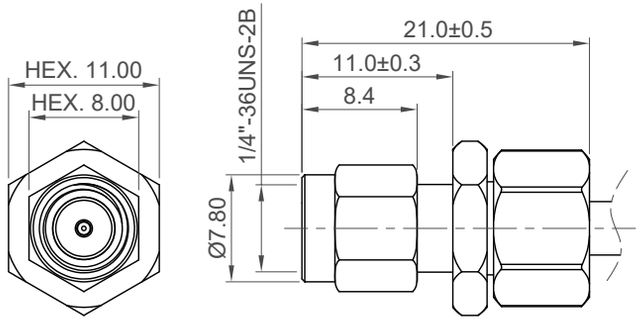
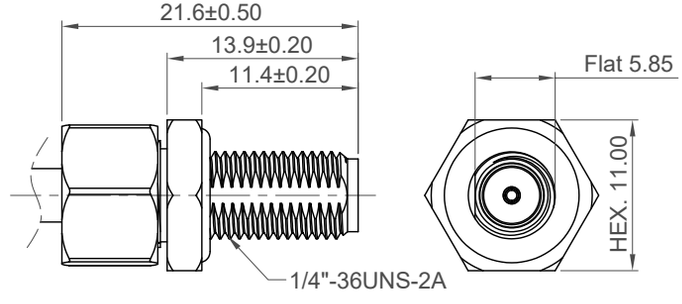
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SMA Plug Detail Dimension



SMA Jack Detail Dimension

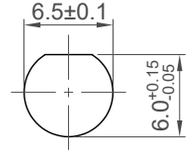
Patent Pending
GB2416077.2
GB2416078.0

Specifications

Material
1. Brass SMA Sealed Plug, Gold Plated, Rated to IP68/69K,
   P/N: RFCT-SMA111-B-M-ALS-S (with silicone rubber gasket)
2. Coaxial Cable, ALSR-100*, Color: Black.
   (Specification Equivalent to LMR-100®)
3. Brass SMA Sealed Jack with O-ring, Gold Plated,
   Rated to IP68/69K,
   P/N: RFCT-SMA112-B-F-ALS-S (with silicone rubber gasket)
   Also Applicable for Bulkhead-mount (washer&nut provided)
4. O-ring: Silicone Rubber, Red
5. Washer: Brass, Gold Plated
6. Nut: Brass, Gold Plated

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: IP68/IP69K
   IP6X - Dust tight - no particle ingress.
   IPX8 waterproof for 48 hours at 1 meter underwater.
   IPX9K water spray, 14-16L per minute, at 8,000 ~ 10,000 kpa, at 100-150mm distance for 30 seconds.



Recommended SMA Jack Mounting Hole
Applicable Panel Thickness:
Min. 0.7mm ~ Max. 3.2mm

Ordering Grid

CAB606RF — XXXX — X — 1 | Request Samples and Quotation

"L" Length in mm:
eg: 100mm = 0100
Min. 0050, Max. 5000,
Standard = 0152(6-inch),
0304(12-inch), 0609(24-inch)
0914(36-inch)
Tolerance: 50mm: ±2mm.
51-200mm: ±5mm.
201-500mm: ±7mm.
501-999mm: ±10mm.
≥1000mm: ± (L x 0.02)mm.

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

Cable Size:
1 = ALSR-100 Cable, Color: Black

Part Number	Product Description
CAB606RF	SMA Sealed Plug To SMA Sealed Jack, With O-ring, Both Brass, IP68/69K, ALSR-100 Cable, 6GHz
Drawing Date: 24th February 2025	

By	CC	Tolerances (Except as Noted) Length	Angle	Units: Metric (mm)	RoHS COMPLIANT 2011/65/EU Deca-BDE	© 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	GCT www.gct.co
Detail	Drawing Release	X. ± 0.20 X.XX ± 0.10 X.XXX ± 0.05	±1°	3rd Angle Projection			
Revision	A						Not to Scale / Drawn By CC / Sheet No. 1/1
Date	24/02/25						