

CAB616RF: SMA SEALED JACK WITH O-RING AT BOTH ENDS, BOTH BRASS, IP68/69K, ALSR-100 CABLE, 6GHz

SPECIFICATIONS :

1. BRASS SMA SEALED JACK WITH O-RING
RATED TO IP68/69K,
P/N: RFCT-SMA112-B-F-ALS-S (W/SILICONE O-RING)
2. COAXIAL CABLE, ALSR-100*, COLOR: BLACK.
(SPECIFICATION EQUIVALENT TO LMR-100®)
3. ALSO APPLICABLE FOR BULKHEAD-MOUNT
(WASHER&NUT PROVIDED)

ENVIRONMENTAL:

A. SMA SEALED JACK TESTED TO
THE FOLLOWING SPECIFICATION:

- i. IP6X - DUST TIGHT - NO PARTICLE INGRESS.
- ii. IPX8 WATERPROOF FOR 48 HOURS AT 1 METER
UNDERWATER.
- iii. IPX9K WATER SPRAY, 14-16L PER MINUTE, AT 8,000 ~
10,000 KPA, AT 100-150MM DISTANCE FOR 30 SECONDS.

NOTES:

1. WORKING FREQUENCY RANGE: DC-6GHz.
2. OPERATING TEMPERATURE: -40°C TO +85°C.
3. IMPEDANCE: 50 Ohm.

HOW TO ORDER

CAB616RF - X X X X - X - 1

"L" LENGTH IN MM:

eg: 500MM = 0500

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.

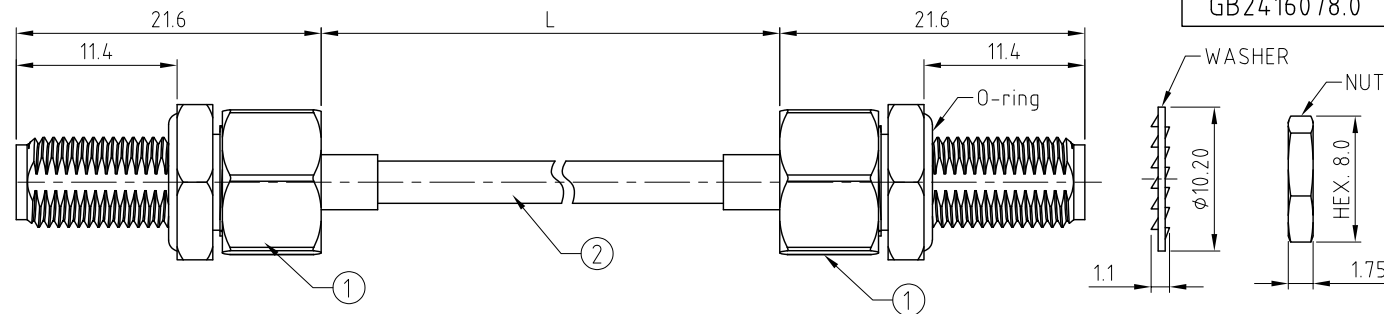
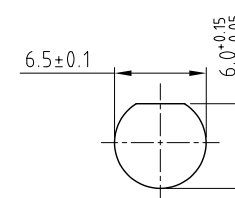
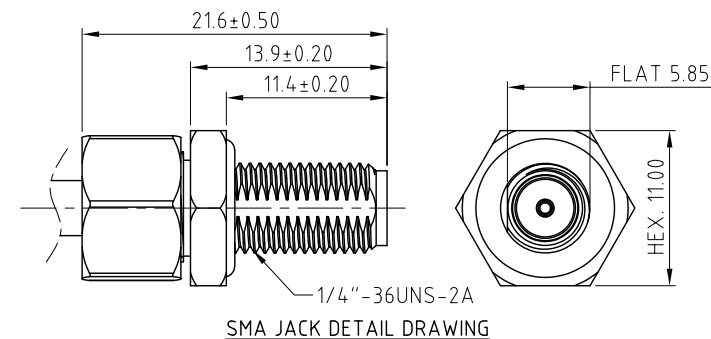
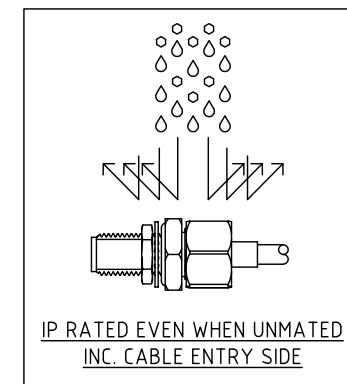
CABLE SIZE:

1 = ALSR-100 CABLE, COLOR: BLACK

WASHER AND NUT OPTIONS:

BLANK = SEPARATELY PACKED (STANDARD)

A = ALL ASSEMBLED WITH CONNECTOR

Patent Pending
GB2416077.2
GB2416078.0RECOMMENDED SMA JACK MOUNTING HOLE
APPLICABLE PANEL THICKNESS:
MIN. 0.7MM ~ MAX. 3.2MM

REV. DATE & DWN
10 28/03/24 - CC RELEASE
11 11/06/24 - CC
Add note 'Patent Pending'
12 26/08/24 - CC
Change material to CC Sp. 400
Change frequency to 6GHz
Change max. cable length to 5m
Change operating temperature to
-40°C ~ +85°C
13 11/09/24 - CC
Add GCT logo.
14 08/01/25 - CC
Add patent numbers.
15 17/07/25 - CC
Remove note 'bulkhead' form
SMA Jack description.

Scale: NTS	THIRD ANGLE 	Unstated	Tolerances:
Drawn: CC		.X ±0.2	.XX ±0.1
App'd: XXX	Title CABLE ASSEMBLY	.XXX ±0.05	ANGLES ±1°
Date: 17 JAN. '25	Revision: 1.5	Unit: mm	

 IP Rated RF Products	 www.gct.co	 www.gradconn.com	Drawing Number: CAB616RF	
			Sheet 1 of 1	Drawing © E and O E