

CAB613RF: SMA SEALED PLUG TO SMA SEALED PLUG, BOTH BRASS, IP68/69K, ALSR-100 CABLE, 6GHz

SPECIFICATIONS :

1. BRASS SMA SEALED PLUG, RATED TO IP68/69K,
P/N: RFCT-SMA111-B-M-ALS-S (W/SILICONE GASKET).
2. COAXIAL CABLE, ALSR-100*, COLOR: BLACK.
(SPECIFICATION EQUIVALENT TO LMR-100®)

Patent Pending
GB2416077.2
GB2416078.0

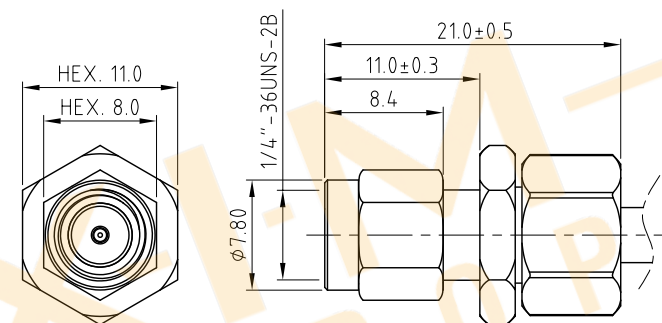
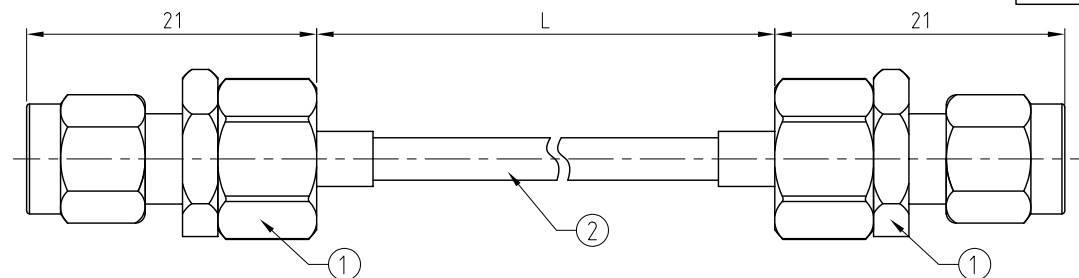
ENVIRONMENTAL:

A. SMA SEALED PLUG 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.



SMA PLUG DETAIL DRAWING

HOW TO ORDER

CAB613RF - 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.

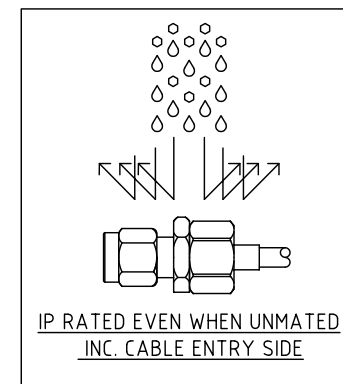
≥1000mm: ± (L x 0.02)mm.

CABLE SIZE:

1 = ALSR-100 CABLE, COLOR: BLACK

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REV. DATE & DWN	10. 20/03/24 - CC RELEASE
	11. 11/06/24 - CC Add note 'Patent Pending'
	12. 26/08/24 - CC Change cable to ALSR-100
	13. 11/09/24 - CC Change max. cable length to 5m
	14. 17/12/24 - CC Add GCT logo.
	15. 17/12/24 - CC Add patent numbers.

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Scale: NTS	THIRD ANGLE	Unstated Tolerances:
Drawn: CC		.X ±0.2
App'd: XXX	Title CABLE ASSEMBLY	.XX ±0.1
Date: 17 DEC. '24	Revision: 1.4	.XXX ±0.05
	Unit: mm	ANGLES ±1°

 IP Rated RF Products	 www.gct.co	 www.gradconn.com	Drawing Number: CAB613RF
© THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT			Sheet 1 of 1
			Drawing © E and O E

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