

COAXIAL CABLE ASSEMBLY

CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS
Compliant

CAB556RF: I-PEX MHF 4L PLUG + SMA STRAIGHT BULKHEAD JACK + Ø1.13MM CABLE - 6GHz

SPECIFICATIONS:

- I-PEX MHF 4L PLUG, P/N: 20565-001R-13.
- Ø1.13MM COAXIAL CABLE, COLOR: BLACK
- SMA STRAIGHT BULKHEAD JACK, GOLD PLATED, P/N: RFCT-SMA117-F13.

NOTES:

- THE ORIENTATION OF CONNECTORS ON DRAWING IS FOR REFERENCE ONLY, IF THE ORDER IS LEFT BLANK THE CONNECTOR WILL NOT HAVE FIXED ORIENTATION.
- FIXED ORIENTATION IS SUGGESTED FOR CABLE LENGTH 50MM TO 100MM. PLEASE SPECIFY THE FIXED ORIENTATIONS FROM THE ORDER CODE (F1, F2, ETC)
- CONTACT GCT IF THE ORIENTATION YOU REQUIRE IS NOT SHOWN.
- WORKING FREQUENCY RANGE: DC-6GHz.
- OPERATING TEMPERATURE: -40°C TO +85°C
- IMPEDANCE: 50 OHM

USAGE PRECAUTIONS: CABLES USING 'MICRO' COAX ARE DELICATE:

(i) HANDLE WITH CARE.

(ii) DO NOT TWIST; APPLY EXCESSIVE FORCES OR SHARP BENDS TO THE CABLE. DO NOT FORCEFULLY DEFORM WIRES.

(iii) CONSULT CONNECTOR MANUFACTURER'S DATASHEETS FOR DETAILED NOTES ON HANDLING INSTRUCTIONS.

HEATSHRINK TUBE

WASHER

NUT

1.10

1.75

1/4\"-36UNS-2B

Ø10.2

IPEX 4L PLUG DIMENSION

SMA JACK DETAIL DIMENSION

HOW TO ORDER

CAB556RF - X X X X - X X - X - 1

"L" LENGTH IN MM
eg: 100MM = 0100
(MIN. 0050, MAX. = 0400
STANDARD = 0100, 0150, 0200)
Tolerance: 50mm : ±2mm.
51-200mm: ±5mm.
201-400mm: ±7mm.

CABLE SIZE:
1 = Ø1.13MM CABLE, COLOR: BLACK

WASHER AND NUT OPTIONS:
BLANK = SEPERATELY PACKED (STANDARD)
A = ASSEMBLED WITH CONNECTOR

ORIENTATION OPTIONS:
BLANK = DOES NOT HAVE A FIXED ORIENTATION
F1 = MHF CONNECTION DOWN (L=50-200MM)
F2 = MHF CONNECTION UP (L=50-200MM)
(SEE NOTES 1, 2, 3 AND DIAGRAMS FOR MORE INFORMATION)

'F1' ORIENTATION

Flat

'F2' ORIENTATION

Flat

RECOMMENDED SMA MOUNTING HOLE

REV. DATE & DRN

10 03/03/23 - NEW RELEASE

11 07/04/23 - NEW

12 08/07/25 - CURRENT

13 22/02/25 - CC

Add GCT logo

Scale: NTS	THIRD ANGLE	Unstated .X .XX .XXX ANGLES	Tolerances: N/A N/A N/A	Material SEE NOTE
Drawn: CC				
App'd: XXX	Title CABLE ASSEMBLY	NOT TO SCALE		
Date: 22 Feb. '25	Revision: 1.2	Unit: mm		

www.gct.co

www.gradconn.com

Drawing Number:
CAB556RF

Sheet 1 of 1

Drawing C E and O E

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