CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS Complian

CABLE 329 RF: RF CABLE ASSEMBLY, I-PEX MHF I PLUG + N STRAIGHT BULKHEAD JACK W/O-RING RATED TO IP67/68 + RG178 CABLE, 6GHz

SPECIFICATIONS:

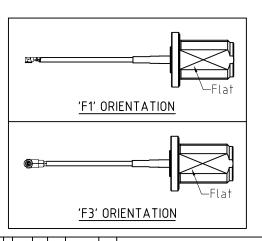
- 1. I-PEX MHF I PLUG. P/N: 20278-112R-18.
- 2. RG178 COAXIAL CABLE, COLOR: BROWN.
- 3. N STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68. P/N: RFCT-N006-F78.

ENVIRONMENTAL:

- A. BULKHEAD MOUNTED CONNECTOR (RFCT-N006-F78) RATED TO THE FOLLOWING SPECIFICATION:
 - i. IP6X DUST TIGHT NO PARTICI F INGRESS.
- ii. IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.
- iii. IPX8 WATERPROOF FOR 48 HOURS AT 1 METER UNDERWATER.

NOTES:

- 1. THE ORIENTATION OF CONNECTORS ON DRAWING IS FOR REFERENCE. ONLY, IF THE ORDER IS LEFT BLANK THE CONNECTOR WILL NOT HAVE FIXED ORIENTATION.
- 2. FIXED ORIENTATION IS SUGGESTED FOR CABLE LENGTH 25MM TO 100MM. PLEASE SPECIFY THE FIXED ORIENTATIONS FROM THE ORDER CODE (F1, F2, ETC)
- 3. CONTACT GCT IF THE ORIENTATION YOU REQUIRE IS NOT SHOWN.
- 4. WORKING FREQUENCY RANGE: DC-6GHz
- 5. OPERATING TEMPERATURE: -40°C~+85°C

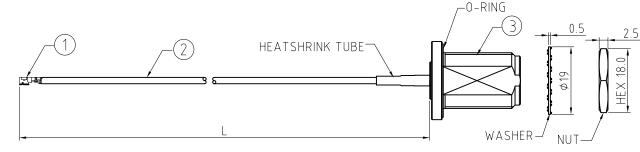


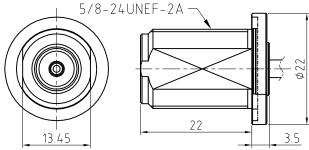
USAGE PRECAUTIONS: CABLES USING 'MICRO' COAX ARE DELICATE:

- (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.



RECOMMENDED N MOUNTING HOLE (TOLERANCE: ±0.07)





N DETAIL DRAWING

HOW TO ORDER

CABLE 329 RF - <u>X X X</u> - <u>X X</u> - <u>X</u>

"L" LENGTH IN MM eq: 100MM = 100(MIN. 025-MAX.400 STANDARD = 100, 150, 200) Tolerance: <50mm: ±2mm.

51-200mm: ±5mm. 201-400mm: ±7mm. WASHER AND NUT OPTIONS:

BLANK = SEPARATELY PACKED (STANDARD)

A = ASSEMBLED WITH CONNECTOR

ORIENTATION OPTIONS:

BLANK = DOES NOT HAVE A FIXED ORIENTATION

F1 = MHF CONNECTION DOWN (L=25-200MM)

F3 = MHF CONNECTION AND D-FLAT SAME ORIENTATION (L=25-200MM) (SEE NOTES 1, 2, 3 AND DIAGRAMS FOR MORE INFORMATION)

INTERNAL

SEAL

IP RATED EVEN WHEN UNMATED Drawing Number:

| | REV. DATE & DRN | 1.0 09/11/"18 - NYW RELEASE | 22/02/*19 – NYW REMOVE F2 ORIENTATION. ADD F3 ORIENTATION. | 27/05/'19 - NYW ADD OPERATING TEMP | .3 17/03/'24 - CC ADD IP RATING VIEW | 14 16/12/'24 - CC ADD GCT logo. Change operating temp. as: -40°C to +85°C. | 1.5 16/02/"25 - KY Add GCT logo. | |
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| Scale: NTS | | THIRD ANGLE | | .X I | Tolerances: N/A N/A | |
|-------------------|---|----------------------|--------------|----------------|---------------------------|--|
| Drawn: K | Υ | \Rightarrow | - | .XXX ANGLES | N/A N/A | |
| App'd: XXX | | Title CABLE ASSEMBLY | | | | |
| Date: 16 FEB. '25 | | Revision: 1.5 | | Unit: mm | | |

IP Rated RF Products



CABLE 329 RF

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Sheet 1 of 1 Drawing (C) E and 0 E

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

GCT:

CABLE 329 RF-150-A CABLE 329 RF-100-A