RACK-MOUNTED

# Adapter Patch Panel

# ZT-349

50Ω DC to 6 GHz 4.3-10 Female

## THE BIG DEAL

- Convenient panel-mounted design
- Excellent VSWR
- Flat frequency response




*Generic photo used for illustration purposes only*

| Model No. | ZT-349 |
|---|---|
| Case Style | YF3210 |
| Connectors | 4.3-10 Female |

**RoHS Compliant**
See our website for RoHS Compliance methodologies and qualifications

## APPLICATIONS

- Production test set-ups
- Simplification of cable runs
- Interconnection of RF cables & equipment
- Cellular base-station testing

## PRODUCT OVERVIEW

Mini-Circuits panel-mounted structures provide clean, organized management of cable runs and connections in complex, high-volume test setups. Multiple connector adapters, power splitters, directional couplers and other essential RF components and test accessories can be integrated efficiently within the test system. Custom configurations are available upon request. ZT-349 integrates 24 precision 4.3-10 connector adapters (female to female) on to a compact, 3U height panel.

## ELECTRICAL SPECIFICATIONS AT 25°C

| Parameter | Frequency (GHz) | Min. | Typ. | Max. | Unit |
|---|---|---|---|---|---|
| Frequency | | DC | - | 6 | GHz |
| Insertion Loss | DC – 6 | - | 0.1 | - | dB |
| VSWR | DC – 6 | - | - | 1.20 | :1 |

## MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| **Dimensions** | 19" (W) x 3U (H) | | | |
| **Case Style** | YF3210 | | | |
| **Case Material** | Aluminum (with protective coating to prevent corrosion) | | | |
| **RF Connectors** | **Face** | **Connector** | **Quantity** | **Port Labels** |
| | Front | 4.3-10 female | 24 | 01-24 |
| | Rear | 4.3-10 female | 24 | 01-24 |
| **Panel Marking** | **Front Panel** | **Rear Panel** | | |
| | ZT-349 4.3-10 Patch Panel | • CE / EAC / UKCA<br>• Serial number / date code / model name | | |
| **Panel Items** | • Carry handles | | | |
| **Temperature** | Operating: 0 to +50 °C | | | |

REV. A
ECO-015207
ZT-349
MCL NY
220920

# Adapter Patch Panel

**ZT-349**

50Ω DC to 6 GHz 4.3-10 Female

## TYPICAL PERFORMANCE CURVES





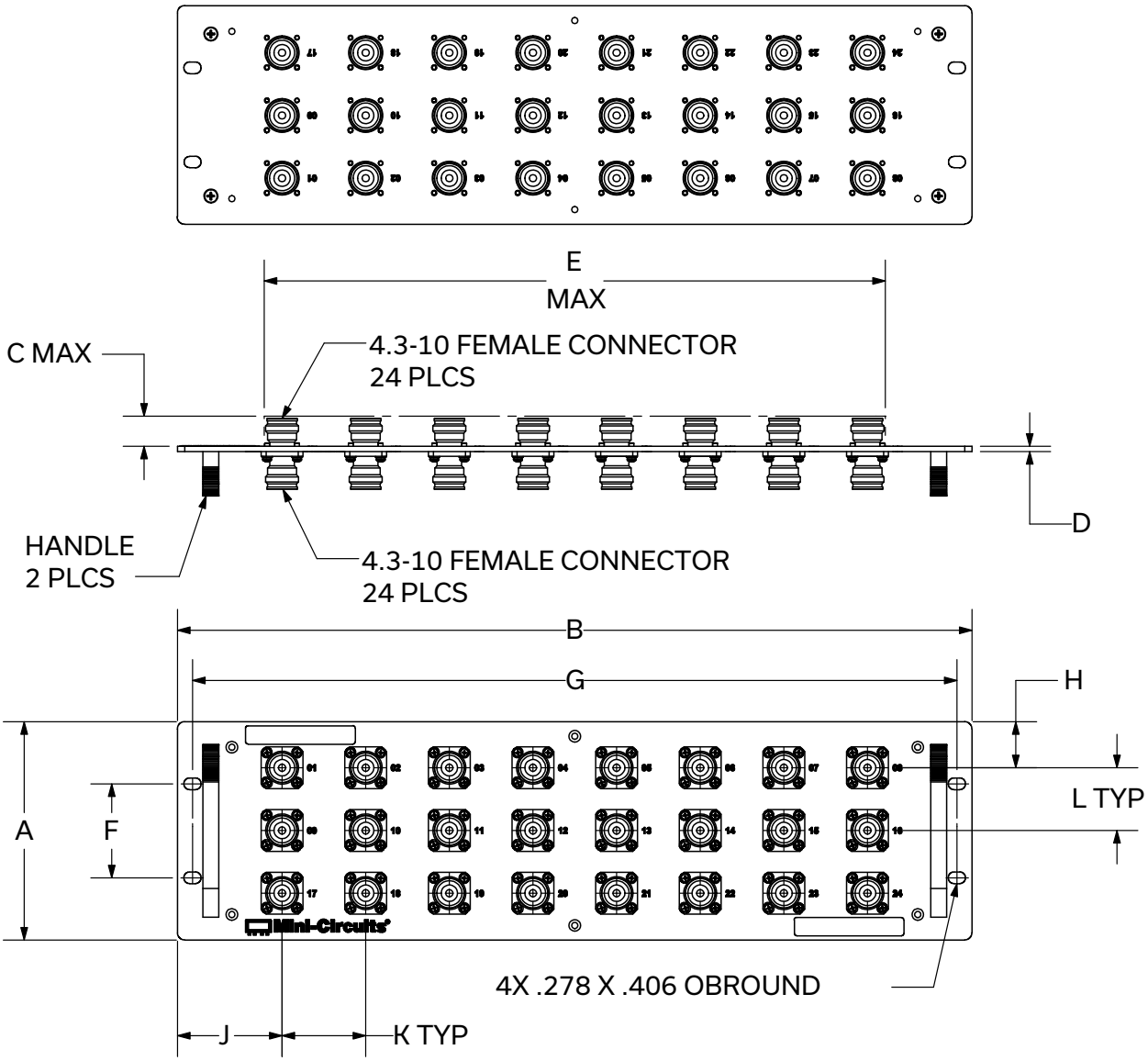

RACK-MOUNTED

# Adapter Patch Panel

**ZT-349**

50Ω DC to 6 GHz 4.3-10 Female

## OUTLINE DRAWING




## OUTLINE DIMENSIONS (Inch / mm)

| A | B | C | D | E | F | G | H | J | K | L | weight |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5.22 | 19.00 | 0.72 | 0.13 | 14.85 | 2.250 | 18.280 | 1.10 | 2.50 | 2.00 | 1.50 | grams |
| 132.6 | 482.6 | 18.3 | 3.3 | 377.2 | 57.15 | 464.31 | 27.9 | 63.5 | 50.8 | 38.1 | 1885 |

# Adapter Patch Panel

**ZT-349**

50Ω DC to 6 GHz 4.3-10 Female

## ORDERING INFORMATION

To learn more, click here: ZT-349

| Model | Description |
|---|---|
| ZT-349 | 24 x 4.3-10 Female to Female Adapter Patch Panel |

NOTES

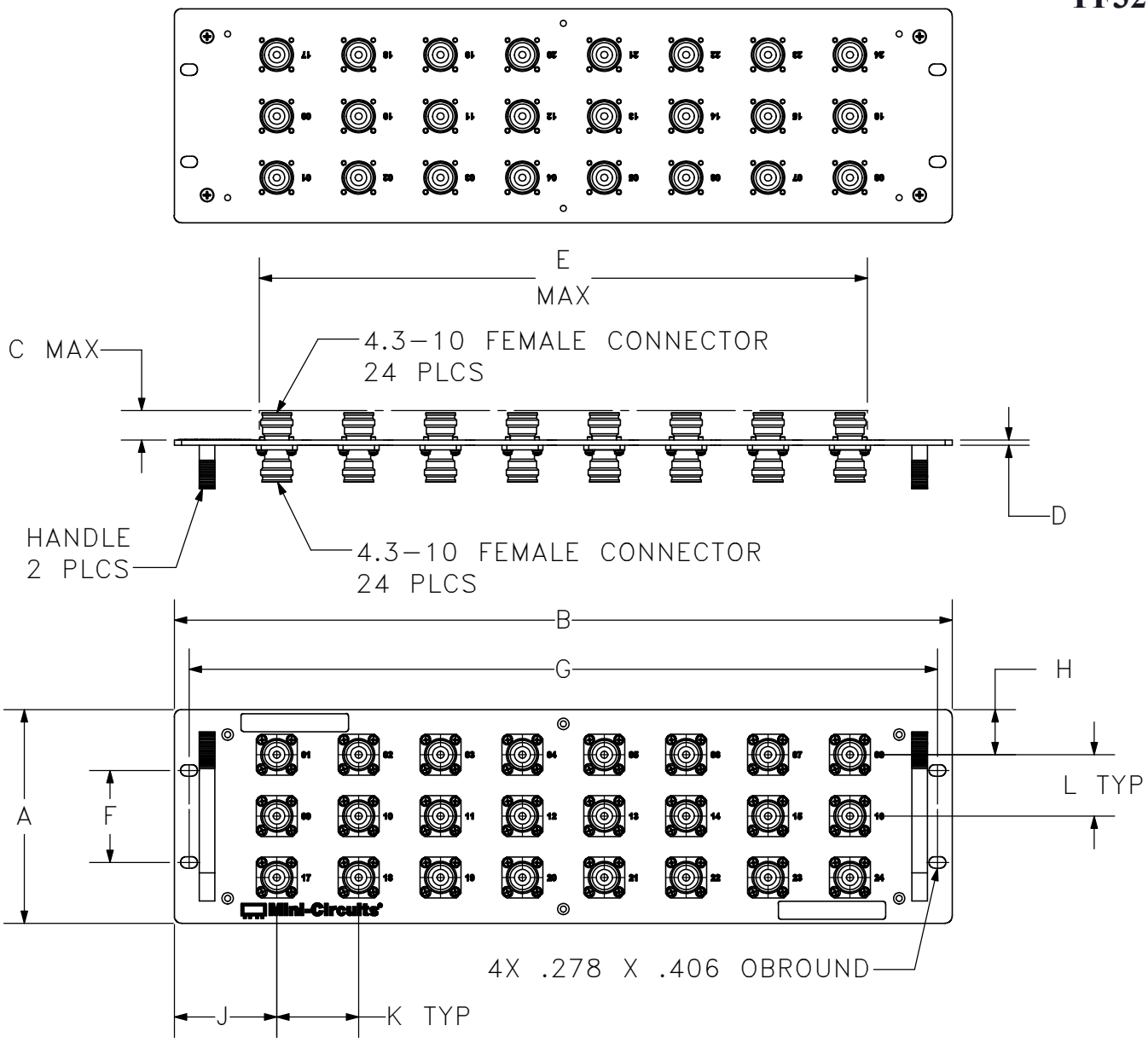
A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.

B. Electrical specifications and performance data contained in this specification document are based on Mini-Circuit's applicable established test performance criteria and measurement instructions.

C. The parts covered by this specification document are subject to Mini-Circuits standard limited warranty and terms and conditions (collectively, "Standard Terms"); Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the standard terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at www.minicircuits.com/terms/viewterm.html

# Case Style YF

**YF3210**




| CASE # | A | B | C | D | E | F | G | H | J | K | L | WT, GRAMS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| YF3210 | 5.22 | 19.00 | .72 | .13 | 14.85 | 2.250 | 18.280 | 1.10 | 2.50 | 2.00 | 1.50 | 1885 |
| | (132.6) | (482.6) | (18.3) | (3.3) | (377.2) | (57.15) | (464.31) | (27.9) | (63.5) | (50.8) | (38.1) | |

Dimensions are in inches ( mm) . Tolerances: 2 Pl. ±.03 ( 0.762) ; 3 Pl. ±.015 ( 0.381) ;

Notes:

1. Case material: Aluminum alloy.
2. Finish: Clear chemical conversion coating


This document and its contents are the property of Mini-Circuits