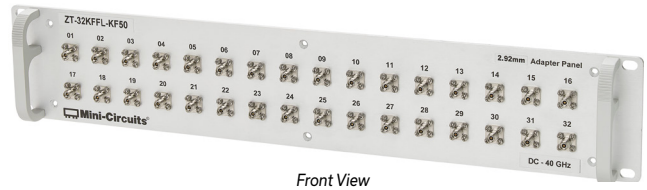
RACK-MOUNTED

Adapter Patch Panel ZT-32KFFL-KF50

50Ω DC to 40 GHz 32 x 2.92 mm Female to Female

THE BIG DEAL

- Rack-mounted connector patch panel
- 32 x 2.92 mm adapters in 2U rack space
- Excellent return loss
- Flat frequency response



Front View



Back View

Generic photo used for illustration purposes only

APPLICATIONS

- Production test set-ups
- Simplification of cable runs
- Interconnection of RF cables & equipment

PRODUCT OVERVIEW

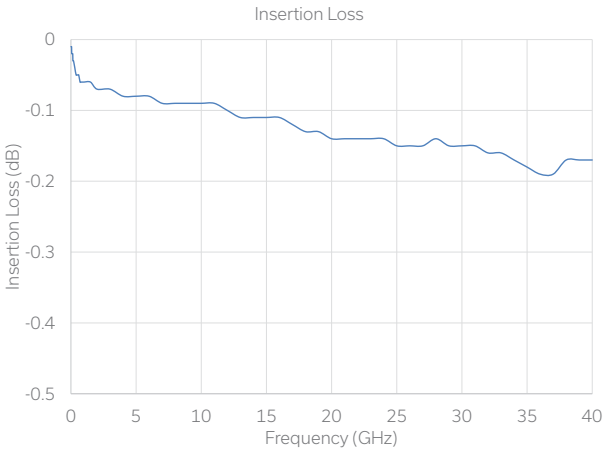
Mini-Circuits' panel-mounted structures provide clean, organized management of cable runs and connections in complex, high volume test setups. Multiple connector adapters, power splitters, directional couplers and other essential RF components and test accessories can be integrated efficiently within the test system. Custom configurations are available upon request.

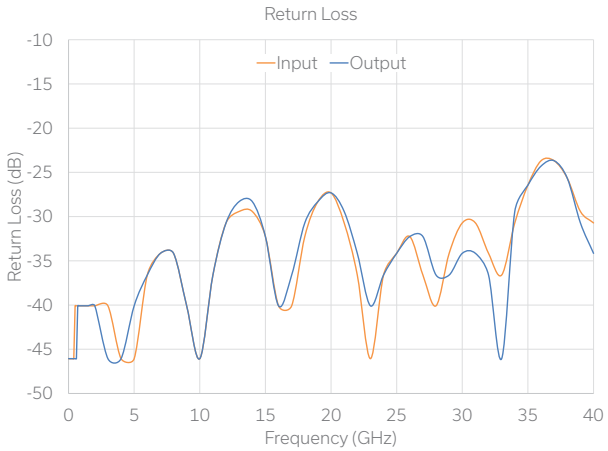
ZT-32KFFL-KF50+ integrates 32 wideband adapters on to a compact panel requiring only 2U of rack space, with 2.92 mm female connectors on the front and rear.

ELECTRICAL SPECIFICATIONS AT +25°C (EACH ADAPTER)

Parameter	Conditions	Min	Typ	Max	Units
Frequency Range		DC		40	GHz
Insertion Loss	DC - 40 GHz		0.15	0.60	dB
Return Loss	DC - 40 GHz	23			dB

TYPICAL PERFORMANCE GRAPHS





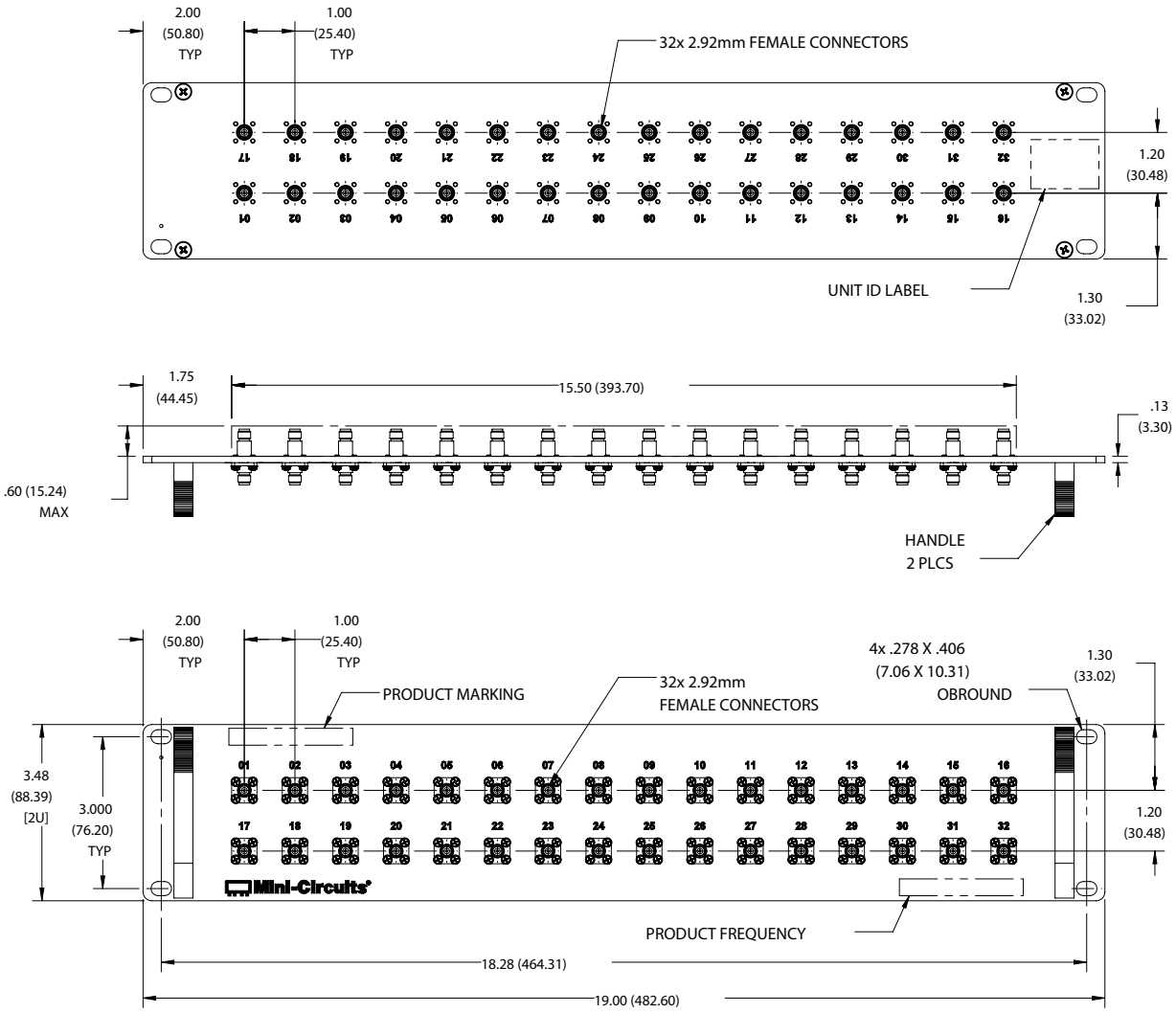
REV. A
ECO-022135
ZT-32KFFL-KF50
MCL NY
240618

RACK-MOUNTED

Adapter Patch Panel ZT-32KFFL-KF50

50Ω DC to 40 GHz 32 x 2.92 mm Female to Female

CASE STYLE DRAWING



Weight: 260 grams.
Dimensions are in inches (mm). Tolerances: 2 Pl.±.03 inch; 3 Pl.±.015 inch.

PRODUCT MARKING

Product Marking: ZT-32KFFL-KF50
Product Frequency: DC - 40 GHz
Unit ID Label: Serial number and other identification marks
Marking may contain other features or characters for internal lot control

RACK-MOUNTED

Adapter Patch Panel ZT-32KFFL-KF50

50Ω DC to 40 GHz 32 x 2.92 mm Female to Female

ABSOLUTE MAXIMUM RATINGS

Parameter	Conditions	Limits	Units
Temperature	Operating	0 to +50	°C
	Storage	-20 to +60	

Permanent damage may occur if any of these limits are exceeded. Operating in the range between operating power limits and absolute maximum ratings for extended periods of time may result in reduced life and reliability.

CONNECTIONS

Port	Connector
01-32 (front & rear)	2.92 mm Female

DETAILED MODEL INFORMATION IS AVAILABLE ON OUR WEBSITE CLICK HERE

Case Style	AAQ3493
Environmental Rating	ENV55
Regulatory Compliance	Refer to our website for compliance methodologies and qualifications CE UKCA www.minicircuits.com/quality/environmental_introduction.html

Contact Us: testsolutions@minicircuits.com

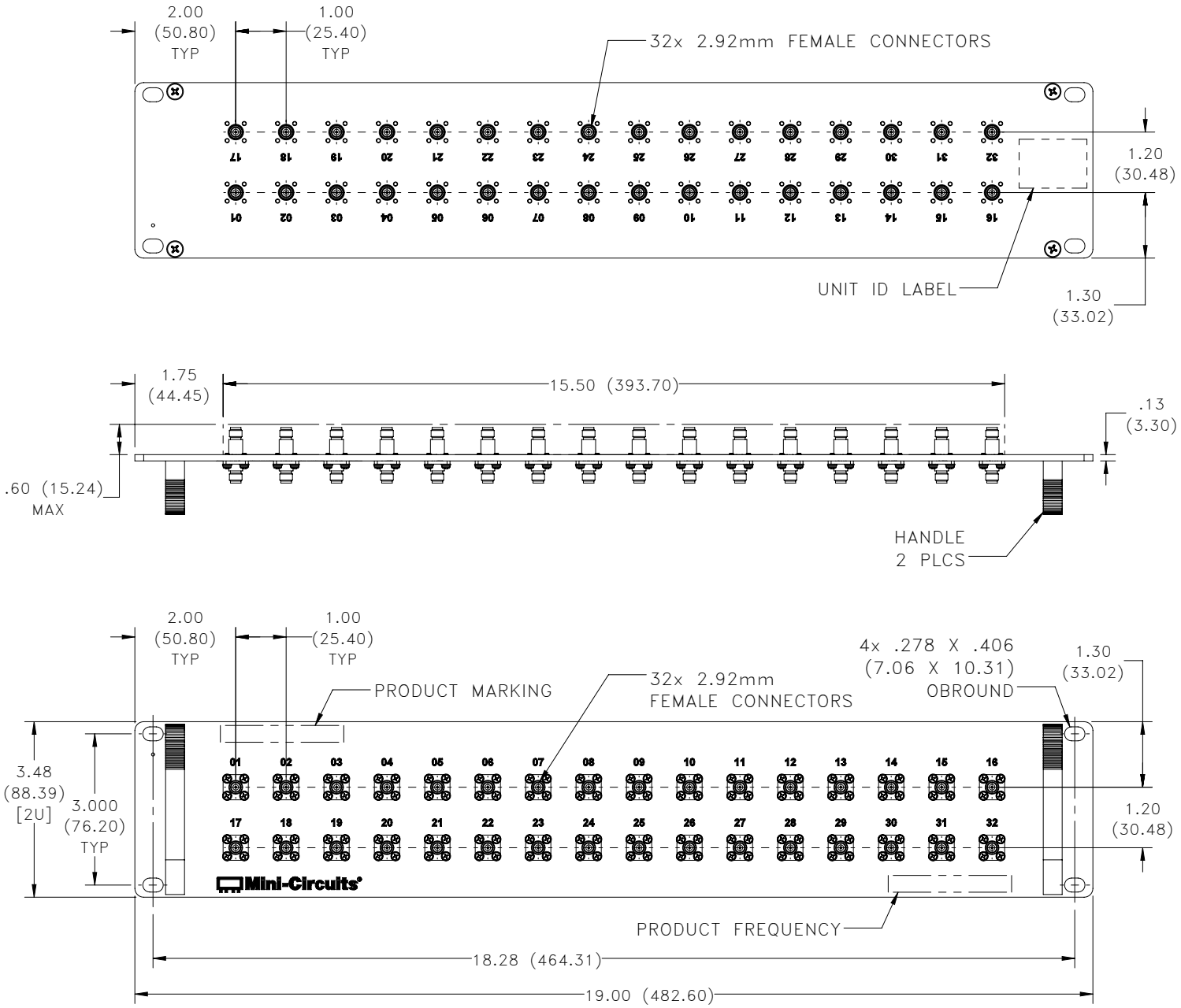
Included Accessories	Part Number	Description
	HT-4-SMA	SMA connector wrench (4" length)

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 AAQ

Outline Dimensions AAQ3493



Notes:

1. Case material: Aluminum (with protective coating to prevent corrosion).
2. Dimensions are in inches (mm). Tolerances: 2 Pl. ±.03 inch; 3 Pl. ±.015 inch.
3. Weight: 620 grams.
4. Marking may contain other features or characters for internal lot control.

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Mini-Circuits

Environmental Specifications **ENV55**

All Mini-Circuits products are manufactured under exacting quality assurance and control standards, and are capable of meeting published specifications after being subjected to any or all of the following physical and environmental test.

Specification	Test/Inspection Condition	Reference/Spec
Operating Temperature	-0° to 50° C Ambient Environment	Individual Model Data Sheet
Storage Temperature	-20° to 60° C Ambient Environment	Individual Model Data Sheet
Operating and Storage Humidity	5% to 85% RH (non-condensing)	Ambient
Bench Handling Test	Bench Top Tip 45° & Drop	MIL-PRF-28800F
Transit Drop Test	Free Fall Drop, 20 cm (7.9 inches)	MIL-PRF-28800F Class 3

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