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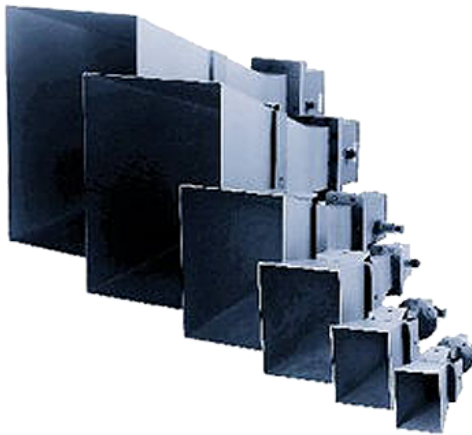
Data Sheet

August 15, 2026

ETS-LINDGREN

ETS-Lindgren 3160-05 Pyramidal Horn Antenna

ETS-Lindgren 3160-05 Pyramidal Horn Antenna The ETS-Lindgren 3160-05 is a standard-gain pyramidal horn in the 3160 waveguide-horn family. OEM 3160-series literature assigns 3160-05 to the WR-284 / 2.60 to 3.95 GHz band with mid-band gain in the 16 dBi class typical of that horn. Used as a standard and field-generation antenna in EMC and antenna ranges. Precision waveguide flange mates the WR-284 launch. Companion 3160 horns cover adjacent waveguide bands. EMC and antenna-range field generation and gain-transfer in 2.60 to 3.95 GHz (WR-284). The ETS-Lindgren 3160-05 is a standard-gain pyramidal horn in the 3160 waveguide-horn family. OEM 3160-series literature assigns 3160-05 to the WR-284 / 2.60 to 3.95 GHz band with mid-band gain in the 16 dBi class typical of that horn. Used as a standard and field-generation antenna in EMC and antenna ranges. Precision waveguide flange mates the WR-284 launch. Companion 3160 horns cover adjacent waveguide bands. EMC and antenna-range field generation and gain-transfer in 2.60 to 3.95 GHz (WR-284).



MODEL

**ETS-Lindgren
3160-05**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

3160-05

LISTING

<https://aumictechlabs.com/products/3160-05-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The ETS-Lindgren Model 3160-05 is a double-ridged horn antenna designed for EMC testing applications. This antenna offers a wide frequency range and excellent gain, making it suitable for

both emissions and immunity testing. Its compact size and solid construction make it a variety of testing environments.

Features & description

From manufacturer datasheet

Polarization: linear (horn E-plane)

Brand Lineage: EMCO / ETS-Lindgren Year Class: 3160 pyramidal horn family Band Class: S-band WR-284 Connector Class: waveguide flange (coax adapter separate) Vswr Class: standard-gain horn match Power Class: waveguide peak/average on the 3160 sheet Mounting Class: horn mount / tripod adapter Sibling: other 3160-xx waveguide bands Related Biconical: EMCO 7603 biconical in the same EMC inventory Calibration Class: gain-transfer / SAE ARP class ranges Notes From ETS-Lindgren 3160-series pyramidal horn literature (3160-05 WR-284, 2.60-3.95 GHz, ~16 dBi class). Exact gain-vs-frequency table and VSWR are on the 3160-05 calibration; do not invent 0.1 dB points.

3160 Characteristics / Specifications

PARAMETER	VALUE
Model	3160-05
Instrument Type	Pyramidal standard-gain horn antenna
Waveguide	WR-284
Frequency Range	2.60 to 3.95 GHz
Gain Class	16 dBi mid-band class
Family	ETS-Lindgren 3160 series
Manufacturer	ETS-Lindgren
Literature	ETS-Lindgren 3160-series horn literature
Form Factor	pyramidal waveguide horn
Application Class	EMC and antenna range
System Role	standard-gain horn
Use Case	field generation and gain transfer
Documentation Type	OEM 3160-05 listing
Flange Class	WR-284 waveguide flange
Polarization	linear (horn E-plane)
Brand Lineage	EMCO / ETS-Lindgren
Year Class	3160 pyramidal horn family
Band Class	S-band WR-284
Connector Class	waveguide flange (coax adapter separate)
Vswr Class	standard-gain horn match
Power Class	waveguide peak/average on the 3160 sheet
Mounting Class	horn mount / tripod adapter
Sibling	other 3160-xx waveguide bands
Related Biconical	EMCO 7603 biconical in the same EMC inventory
Calibration Class	gain-transfer / SAE ARP class ranges

3160 Specifications

PARAMETER	VALUE
Applications	EMC and antenna-range field generation and gain-transfer in 2.60 to 3.95 GHz (WR-284).
Key Features	WR-284 pyramidal horn
Technical Specifications	Model: 3160-05

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes

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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.