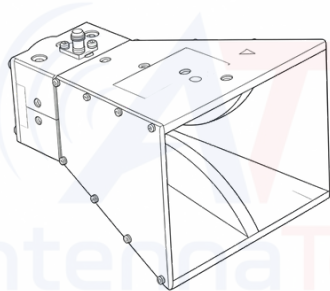


AT-H-2-18-S



2-18 GHz linearly polarized horn antenna fitted with an SMA connector

Key Specifications	
Operating frequency band	2 - 18 GHz
Connector	SMA female
VSWR	< 1.5:1
Gain (typical)	12 dBi
Polarization	linear
Size	length 13cm, width 10cm
Impedance	50 ohm
Weight	0.5 kg

This wideband horn antenna covers 2–18 GHz frequency range and provides broadband directional performance for RF testing, measurement, and communication applications. Its compact aluminium body, SMA interface, low VSWR, typical 12 dBi gain, and wide operating bandwidth make it suitable for antenna characterization, EMC/EMI evaluation, spectrum monitoring, laboratory measurements, and broadband field testing.

Please contact AntennaTec for a full interface control drawing.

SPECIFICATIONS	
3dB Beamwidth, E-Plane, Min (Deg.)	14
3dB Beamwidth, E-Plane, Max (Deg.)	108
3dB Beamwidth, H-Plane, Min (Deg.)	14
3dB Beamwidth, H-Plane, Max (Deg.)	77
Power Handling, CW, (W)	50 W
Power Handling, Peak, (W)	100 W
Cross Pol. Isolation, Typ (dB)	25
Output Type	Coaxial
Body Material	Aluminium

AntennaTec may update or improve these specifications from time to time to enhance product design, manufacturing, or performance. This document contains official AntennaTec product information and must not be reproduced, modified, or used for commercial purposes without written permission from AntennaTec.

