

# ANT-SHARING-HUB-6



Base station antenna sharing hub with configurable band assignments supporting up to six independent operators

- Supports up to six independent operators
- Works with all CommScope antennas utilizing internal RET systems
- No proprietary RET software required
- Supports up to 24 CommScope RETs when sharing between 2 or more operators
- Band assignments are configurable using PC tool
- Compliant to 3GPP/AISG 2.0
- Multi-RET and Single RET supported, configurable per operator port

## Product Classification

**Product Type** RET actuator

## General Specifications

**AISG Input Connector** 8-pin DIN Male  
**AISG Input Connector Quantity** 6  
**AISG Output Connector** 8-pin DIN Female  
**AISG Output Connector Quantity** 1  
**Color** Gray

## Dimensions

**Height** 54.4 mm | 2.142 in  
**Width** 261 mm | 10.276 in  
**Depth** 160 mm | 6.299 in

## Electrical Specifications

**Input Voltage** 10–30 Vdc  
**Electrical Specifications Footnote** If using a single operator, the load capability is dependent on controller power supply, cable wire gauge, and other factors. Please contact CommScope for any questions  
**Electromagnetic Compatibility (EMC)** CFR 47 Part 15, Subpart B, Class A | EN 55022 | EN 55032 | EN 61000-4-2 | EN 61000-4-3 | EN 61000-4-4 | EN 61000-4-6  
**Interface Protocol Signal** RS-485  
**Lightning Surge Capability** 5 times @ -8 kA | 5 times @ 8 kA  
**Lightning Surge Capability Test Method** IEC 61000-4-5

# ANT-SHARING-HUB-6

---

<b>Lightning Surge Capability Waveform</b>	1.2/50 voltage and 8/20 current combination waveform
<b>Lightning Surge Test Mode</b>	Common mode
<b>Protocol</b>	3GPP/AISG 2.0 compliant

## Material Specifications

<b>Material Type</b>	ASA
----------------------	-----

## Environmental Specifications

<b>Operating Temperature</b>	-40 °C to +60 °C (-40 °F to +140 °F)
<b>Climatic Sequence Test Method</b>	IEC 60068-2-14
<b>Cold Exposure Test Method</b>	IEC 60068-2-1
<b>Corrosion Test Method</b>	IEC 60068-2-11, Test Condition Ka   IEC 60068-2-52, Test Condition Kb
<b>Damp Heat Exposure Test Method</b>	IEC 60068-2-30, Test Condition Db
<b>Heat Exposure Test Method</b>	IEC 60068-2-2
<b>Ingress Protection Test Method</b>	IEC 60529:2001, IP56
<b>Packaged Product Shock Test Method</b>	ASTM D4169   GR-63-CORE, Section 4.1.1
<b>Rain Simulation Test Method</b>	IEC 60068-2-18, Test Condition Ra, Method 1
<b>UV Resistance Test Method</b>	IEC 60068-2-5, Test Condition B
<b>Vibration Test Method</b>	ASTM D4169   IEC 60068-2-6

## Packaging and Weights

<b>Height, packed</b>	128 mm   5.039 in
<b>Width, packed</b>	305 mm   12.008 in
<b>Depth, packed</b>	206 mm   8.11 in
<b>Weight, gross</b>	1.7 kg   3.748 lb
<b>Weight, net</b>	1 kg   2.205 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CE	Compliant with the relevant CE product directives
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant

# ANT-SHARING-HUB-6

---

UK-ROHS

Compliant

