

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

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

Material Specifications

Material Type	ASA
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Environmental Specifications

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

Packaging and Weights

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

Regulatory Compliance/Certifications

Agency	Classification
CE	Compliant with the relevant CE product directives
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

