AASBC-15x

2600 MHz | FDD/TDD Combiner | Single and Twin Units

- Built in lightning protection on all ports
- Available as single or twin unit, with various DC/AISG configurations
- Suitable for indoor or outdoor applications
- Pole or wall mounting

<table>
<thead>
<tr>
<th>Ordering Options</th>
<th>Single Unit</th>
<th>Twin Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7/16-DIN Female</td>
<td>7/16-DIN Female</td>
</tr>
<tr>
<td></td>
<td>4.3/10 Female</td>
<td>4.3/10 Female</td>
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</tbody>
</table>

When ordering replace "x" with correct option for bypass configuration and single or twin unit.

- DC/AISG on FDD
  - AASBC-150
  - AASBC-150-43F
  - AASBC-151
  - AASBC-151-43F

- DC/AISG on TDD
  - AASBC-152
  - AASBC-152-43F
  - AASBC-153
  - AASBC-153-43F

- Full DC/AISG
  - AASBC-154
  - AASBC-154-43F
  - AASBC-155
  - AASBC-155-43F

### Electrical Characteristics

**Port 1 (2600 FDD Rx) - Port 3 Common**

- Frequency Band: 2540-2550 MHz
- Insertion Loss (typical): < 0.5 dB
- Return Loss: > 18 dB
- Rejection 2595-2670 MHz: 65 dB
- Isolation to port 2: 65 dB
- IM3 (2x43 dBm Tx Carrier): -117 dBm (-160 dBc)

**Port 2 (2600 TDD) - Port 3 Common**

- Frequency Band: 2595-2615 MHz
- Insertion Loss (typical): < 0.5 dB
- Return Loss: > 18 dB
- Rejection 2540-2550 MHz: 65 dB
- Rejection 2660-2670 MHz: 65 dB
- Continuous Average Power: 100 W
- Isolation to port 1: 65 dB
- IM3 (2x43 dBm Tx Carrier): -117 dBm (-160 dBc)

**Port 1 (2600 FDD Tx) - Port 3 Common**

- Frequency Band: 2660-2670 MHz
- Insertion Loss (typical): < 0.5 dB
- Return Loss: > 18 dB
- Rejection 2540-2615 MHz: 65 dB
- Continuous Average Power: 100 W
- Isolation to port 1: 65 dB
- IM3 (2x43 dBm Tx Carrier): -117 dBm (-160 dBc)

### General

- DC Pass Current: 3.0 A Continuous max. Port 1 to Common
- AISG Pass: Yes
- MTBF: 1 Mh min.
- Safety: EN60950

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.
### AASBC-15x

**2600 MHz | FDD/TDD Combiner | Single and Twin Units**

<table>
<thead>
<tr>
<th>Environmental Characteristics</th>
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</tr>
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<tbody>
<tr>
<td>Lightning Protection</td>
<td>IEC61000-4.5</td>
</tr>
<tr>
<td>Operating Temperature Range</td>
<td>-40° to +65° C (-40° to 149° F)</td>
</tr>
<tr>
<td>Ingress Protection</td>
<td>IP67</td>
</tr>
<tr>
<td>Environmental</td>
<td>ETS 300 019</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Mechanical Characteristics</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Finish</td>
<td>Light Grey (NCS 1502-R)</td>
</tr>
<tr>
<td>Connectors</td>
<td>7/16-DIN or 4.3/10 Female</td>
</tr>
<tr>
<td>Dimensions (L x W x D) - Single Unit</td>
<td>161 x 201 x 47 mm</td>
</tr>
<tr>
<td>Weight - Single Unit</td>
<td>2.9 kg</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Mounting Characteristics</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Pole / Wall Bracket</td>
<td>Two metal clamps for pole mount included</td>
</tr>
</tbody>
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<table>
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<th>Dimensions (AASBC-154)</th>
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