MASer of PROduction

Frequency Range: 10～2655MHz

Read this instruction manual carefully before use.

Instruction Manual

2-way Splitter
2SPFAD

MASPRO’s original back-cover press fit processing and zinc die-casting housing, integrated with receptacles, provide complete shielded housing and excellent shielding effect against any radio wave interference.

INDOOR USE SPLITTERS

2-way
3-way
4-way
5-way
6-way
8-way

2SPFAD
3SPFAD
4SPFAD
5SPFAD
6SPFAD
8SPFAD

Superb Elimination of Electromagnetic Interference

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Wide Band

Band width is 10～2655MHz which covers all of the IF Band of Satellite.

Specifications

SPLITTERS

All ports Power Passing

Maximum Power Passing Capacity: 0.8A at 15V DC

<table>
<thead>
<tr>
<th>Type</th>
<th>Model</th>
<th>Impedance (Ω)</th>
<th>Max. Splitting Loss (dB)</th>
<th>Min. Isolation Out-to-Out (dB)</th>
<th>Max. VSWR</th>
<th>Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-way</td>
<td>2SPFAD</td>
<td>10～2655MHz</td>
<td>4.4: 4: 4.2: 4.8: 6: 7: 7.4</td>
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<td>1.5</td>
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<td>75</td>
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<td>2.0</td>
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<td>4SPFAD</td>
<td>75</td>
<td>8.5: 8: 9.5: 10: 11.5: 12.5</td>
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<td>2.5</td>
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<td>12</td>
<td>9: 9.8: 10.5: 12.5: 14: 18</td>
<td>10～2655MHz</td>
<td>3.0</td>
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<tr>
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<td>6SPFAD</td>
<td>12</td>
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<td>4.0</td>
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<tr>
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<td>8SPFAD</td>
<td>12</td>
<td>11.5: 12.5: 13.5: 15: 17: 18.5: 19</td>
<td>10～2655MHz</td>
<td>4.5</td>
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</tr>
</tbody>
</table>

Dimensions

You can always rely on MASPRO's performance data.

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Accessory

F-type connectors (For 5C Cable) : Includes connectors to cover all ports

NOTE

- Be careful not to connect this splitter (all ports power passing types) with more than two units between the power supplying unit and reception equipment.
- No power passing for 20-30V AC.
- Power passing not possible from IN port to OUT port.
- Do not confuse IN and OUT ports.

Specifications and external design are subject to change due to upgrades in product quality.

The JEITA Digital Hi-Vision mark (DH mark) is conferred by the Japan Electronics and Information Technology Industries Association to indicate the superior performance of antennas and equipment for both satellite and terrestrial digital TV broadcasting.

This is the MASPRO RoHS logo attached to equipment that is compliant with the standards of the EU (European Union) Environmental Directive, RoHS ("Restriction of the use of certain Hazardous Substances in Electronic Equipment").

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How to Install

After connecting with cable, install splitter on wooden wall with the two wood screws attached to the splitter itself.

NOTE

This splitter is indoor use only. Please refrain from using this splitter outdoors.

F-type Connector Installation

F-type connector, provided as accessory, is for 5C cables.

1. Cable processing
   - Cut off the tip of the center conductor at an angle to prevent incomplete contact.
   - The center conductor is covered with white film. Be sure to remove it for better conductivity.

2. Mounting the plug
   - Pass the ferrule through the cable.
   - Fold back the copper braids.
   - Push the plug in firmly.
   - When aluminum foil comes off:
     - Push and turn the plug in the cable gently so that the plug turns the aluminum foil in the same direction it is coiled, and be sure to keep the aluminum foil inside the plug.
     - In addition, be sure to remove any shreds of aluminum foil.

3. Pressure bonding of ferrule
   - Press firmly at the foot of the plug so that it does not come out.

Make sure the length of the center conductor is 2mm.
Excessively long center conductor may damage connector and will cause malfunction.

Example

For satellite reception, use units and cables which meet the performance requirements for the satellite frequency range.

Power Passing Capacity

0.8A at 15V DC

Multimedia Technology