ELECTRICAL SPECIFICATIONS:
1.) FREQUENCY RANGE: 1000 - 2000 MHz
2.) IMPEDANCE: 50 OHMS
3.) INSERTION LOSS (MAX): 1.0 dB (ABOVE 9.03 dB SPLIT)
4.) AMPLITUDE BALANCE (MAX): 0.5 dB
5.) PHASE BALANCE (MAX): 5 DEGREES
6.) ISOLATION (MIN): 22 dB
7.) INPUT VSWR (MAX): 1.45 : 1
8.) OUTPUT VSWR (MAX): 1.20 : 1
9.) DC VOLTAGE (MAX): 10 V
10.) DC CURRENT (MAX): 50 mA

MECHANICAL SPECIFICATIONS:
1.) CONNECTORS: SMA FEMALE (JACK), 50 OHM
2.) CONNECTOR BODY: BERYLLIUM COPPER, GOLD PLATE
3.) CONNECTOR PIN: PTFE, VIRGIN ELECTRICAL GRADE
4.) HOUSING: ALUMINUM, CLEAR CHEM CONVERSION
5.) HOUSING: LEAD FREE, RoHS COMPLIANT
6.) SOLDER: FILM, RoHS COMPLIANT (NO HEX CHROM)
7.) OPERATING TEMP: -65°C TO +85°C
8.) WEIGH: 740 GRAMS

RF INPUT POWER RATING (GPS DIVIDER SPLITTER): INTO MATCHED LOAD VSWR's

<table>
<thead>
<tr>
<th>IN-PHASE</th>
<th>180° OUT-OF-PHASE</th>
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</thead>
<tbody>
<tr>
<td>1.2 : 1</td>
<td>20 WATTS</td>
</tr>
<tr>
<td>2.0 : 1</td>
<td>20 WATTS</td>
</tr>
<tr>
<td>∞</td>
<td>10 WATTS</td>
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</tbody>
</table>

RF INPUT POWER RATING (GPS COMBINER): COHERENT SIGNALS (IN-PHASE) 8 X 2.5 WATTS

COHERENT SIGNALS (180° OUT-OF-PHASE) 8 X 0.25 WATTS

NON-COHERENT SIGNALS 8 X 0.5 WATTS

OTHER CONDITIONS - CONSULT FACTORY

8-way, GPS signal splitter; DC pass 1 port, DC block 7 ports w/200Ω loads. Typically used for powering an active antenna thru pass ports while splitting GPS signal 8 ways.