


PRODUCT FEATURES
DAB 6-pole 98mm Starpoint Combiner

- Dual Cross-Coupling
- Full-band tunable
- DC-Short
- Temperature compensated
- Stainless steel frame

OPTIONS

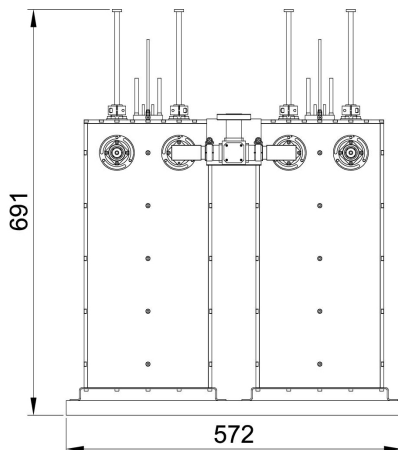
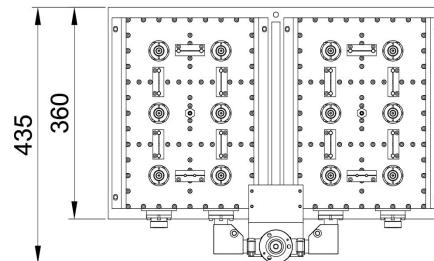
- Heat Sinks
- Forced Air Cooling
- Liquid Cooling
- Customized Layout and Frame
- Multiple inputs configurations available

SPECIFICATIONS

PRODUCT CODE	2SC36098
TYPE	Starpoint
No. of POLES	6-pole heliptycal
CAVITY SIZE	98 mm
DISTANCE BETWEEN CHANNELS	1 Guard block
TEMPERATURE STABILITY	< 1 kHz/°K
MAX OPERATING TEMPERATURE (body)	65 °C (149 °F)
TEMPERATURE OPERATING ENVIRONMENT	-5 ÷ 50 °C 23 ÷ 122 °F
CONNECTIONS ⁽²⁾ & CODES 2SC36098-xy where: x – inputs y – output	2 → 7/16 female 4 → 7/8" flange 6 → 7/8" unflanged 8 → 1 5/8" flange A → 1 5/8" unflanged

ELECTRICAL DATA

FREQUENCY RANGE	174 ÷ 240 MHz
MAXIMUM RMS INPUT POWER ⁽³⁾	800 W^(4; 6)
MAXIMUM RMS OUTPUT POWER ⁽³⁾	1600 W⁽⁶⁾
INSERTION LOSS @ F0	< 1.0 dB⁽⁵⁾
INSERTION LOSS @ F0 ± 0.77 MHz	< 2.2 dB⁽⁵⁾
ATTENUATION @ F0 ± 0.97 MHz	> 15 dB⁽⁵⁾
ATTENUATION @ F0 ± 1.77 MHz	> 45 dB⁽⁵⁾
ATTENUATION @ F0 ± 2.20 MHz	> 50 dB⁽⁵⁾
ATTENUATION @ F0 ± 3.00 MHz	> 50 dB⁽⁵⁾
BANDWIDTH	1.54 MHz
RETURN LOSS (VSWR)	< -26 dB (< 1:1.10)
ISOLATION BETWEEN CHANNELS	> 40 dB
GROUP DELAY VARIATION	< 900 ns

DIMENSIONAL DETAIL

DIMENSIONS
**435x572x691 mm
17.1x22.5x27.2 "**
WEIGHT
50 Kg (110 lbs)


⁽¹⁾ Default configuration ⁽²⁾ Other connections available ⁽³⁾ Altitude < 1525 mt (5000 ft) ⁽⁴⁾ Higher power rate with Heat Sinks or Forced Air Cooling options
⁽⁵⁾ Other tuning configuration available ⁽⁶⁾ According to the connector's type