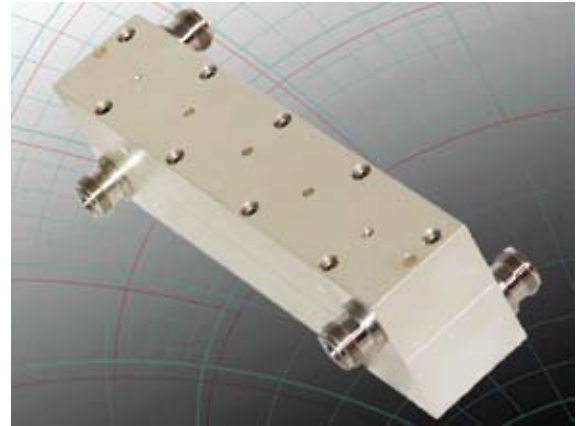


HYBRID COUPLER

3dB Hybrid Model HD-A55

Model	HD-A55
Frequency range	700-3800 MHz
Isolation	18 dB MIN
Return Loss	17.7 dB MIN.
Impedance	50 Ω
PIM	< -165 dBc
Coupling	-3.0 +/- 0.75 dB Nominal
Insertion Loss	0.25 dB MAX
Phase Balance	5°
Max. Power	600W Avg, 3KW Peak
Connectors	Type N, flange with O-ring
Environment	IP65, -35 to +65°C



- Multi-Band Range
- High Isolation, Low VSWR and Low Loss
- Rugged, Flange Mount Connectors with O-ring
- 600 W Average Power Rating
- High Reliability
- RoHS Compliant

The Model HD-A55 3dB Hybrid uses a unique suspended substrate to achieve low loss, and low PIM while withstanding very high Power levels over a very wide frequency range. A combination of air dielectric and a 5 section design provides very flat amplitude balance that is ideal for combining high power Amplifiers with maximum efficiency. The unit is provided with type N connectors, but can be converted to 7-16 DIN connectors for even higher power levels.

Made in USA

