



Products

Power Combiners, Variable



Apollo offers a comprehensive range of customized VPC's in an extensive range of frequencies including S, C, X, Ku, DBS, and Ka bands for applications in commercial and military communications systems.

VPC's are commonly used to satisfy the needs of communications systems where losses in data traffic continuity cannot be tolerated. They are specifically useful in phase combining the output of two or more high power transmitters to increase the output power and to provide system redundancy.

Features:

- No loss of RF continuity during switching
- Can be switched under full RF power
- No HPA blanking or inhibiting required when switching
- Operates as a combiner (2 HPA's to 1 or 2 antennas)
- Operates as a divider
- Available as continuously variable or step variable
- Electric or manual switching
- Can be used as a high power variable attenuator