

Switching and Combining Networks



DrawCom can supply a complete range of uplink and downlink networks for earth station applications. We can handle network complexity ranging from simple passive diplexing of two signals to the switching and combining of up to twelve outputs from high power amplifiers.

These systems are fully complemented by DrawCom redundancy switching controllers that interface the microwave networks with the system control computers and system operators.

We can deliver automatic redundancy switching of high power amplifier subsystem from 1:1 to M:N configurations. Our low loss designs meet stringent uplink requirements.

Key features

- Automatic redundancy switching of High Power Amplifier (HPA) sub-system from 1:1 to M:N configurations
- Low loss designs to meet stringent satellite uplink requirements
- Various broadband and channel combining devices available such as diplexers, variable power combiners and 3dB hybrid couplers
- Automatic power levelling and channel tuning control of HPA
- Available in most uplink frequency bands
- Free standing, rack, ceiling or wall mounted modular construction
- 3D Computer Aided Design (CAD) software ensures precise compliance to mechanical requirements

