



With the right connections,  
anything is possible.

## Rack Mounted Power Divider System 600018

MegaPhase's rack mounted system features twelve 6-way power dividers with separate inputs and individual internal monitor ports. Each power divider operates over an extended frequency range from 0.678 to 2.7 GHz.

Designed with Quick Disconnect Type N connectors, and QMA connectors for the monitoring ports. A wide variety of custom configurations are available upon request.

### Power Divider Electrical Specifications:

**VSWR In/Out:**  
1.6:1 Max/1.4 Typ.

**Insertion Loss\*:**  
2.0 Max/1.75 Typ.

**Phase Balance:**  
+/- 10 Degrees

**Amp Balance:**  
+/- .5dB

**Isolation:**  
17 dB min

\*Insertion loss is the calculated average of all six ports minus the nominal coupling of 7.78

### Monitor Specifications:

**Coupling:**  
-5.0/+3.0 Db, Max, -3.0/+2.0 Typ.

### Mechanical Specifications:

**Connectors:**  
- Quick Disconnect Type N  
- QMA

**Weight:**  
20 LBS

**Temperature Rating:**  
-50°C to +85°C

**Standard 19" Rack Mount/  
4 RU Height**

All parts designed and manufactured by  
MegaPhase in the USA.

