

SYNERGY TELECOM PVT. LTD

6dB CAVITY DIRECTIONAL COUPLER



Electrical

| | |
|---------------------------------|-----------------------|
| Characteristic impedance | 50 ohm |
| Frequency range | 806~2200/2200~2500MHz |
| Mean coupling | 6dB |
| Insertion loss | ≤1.65/≤1.75dB |
| VSWR(input port or output port) | ≤1.25 |
| VSWR(coupled port) | ≤1.3 |
| Frequency Sensitivity | ±0.8dB |
| Directivity | ≥18dB |
| Power | 200W |
| Connectors all ports | N-F |

Mechanical

| | |
|---------------|-------|
| Mating cycles | ≥ 500 |
|---------------|-------|

Environmental

| | |
|-------------------|---------------|
| Temperature range | -40°C ~ +85°C |
|-------------------|---------------|

Material and plating

| | Material | Plating |
|-----------------|------------------|-------------|
| Housings | Aluminum alloy | Passivating |
| Inner conductor | Brass | Ag |
| Body | Brass | Ni |
| Insulators | Teflon | - |
| Female contacts | Beryllium copper | Ag |