

# SYNERGY TELECOM PVT. LTD

## 10dB CAVITY DIRECTIONAL COUPLER



### Electrical

Characteristic impedance	50 ohm
Frequency range	800-2500 MHz
Mean coupling	10 dB
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
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### Environmental

Temperature range	-40°C ~ +85°C
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### Material and plating

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