

DATASHEET, 27004, Directional Couplers

- Average power:400W directional couplers
- Peak Power:5 kW
- Impedance:50Ω
- Low Loss,Air Dielectric
- Operates to 85° C without degradation
- Measurement of high power RF signals
- Reliable monitoring of TWT high power amplifiers
- Testing of EW systems with high RF power outputs
- N Connetor
- Weight: 0.425 kg



Specifications				
Model		27004A-30	27004A-40	27004A-50
Frequency (GHz)		6 -18	6 -18	6 -18
Nominal Coupling(dB)		30	40	50
Maximum Deviation From Nominal (dB)		±1.0	±1.0	±1.0
Directivity (dB)	6-15 (GHz)	12	12	12
	15-18 (GHz)	10	10	10
Insertionloss (dB max.)		0.50	0.50	0.50
Power	Average (W)	400	400	400
	Peak(kW)	5	5	5
VSWR (max)	Primary line (max.)	1.40	1.40	1.40
	Secondary line(max.)	1.60	1.60	1.60
Frequency Sensitivity(dB max.)		±0.7	±0.7	±0.7
Connetors	Mainline Input	TNC (M)	TNC (M)	TNC (M)
	Mainline Output	TNC (F)	TNC (F)	TNC (F)
	Coupled Output	SMA (F)	SMA (F)	SMA (F)
Weight (kg)		0.425	0.425	0.425

Size:

