

# Q10HF-3500S-SMA

SMA 10dB DIRECTIONAL COUPLER

REV 1.0.0



## APPLICATIONS

- Signal sampling
- Source leveling
- Signal isolation
- Power monitoring
- Reflection measurement

## FEATURES

- Broadband 2500 - 4500 MHz
- High power
- Low loss
- Flat coupling
- Compact and low profile

## SPECIFICATIONS

TABLE 1: TYPICAL SPECIFICATIONS\*

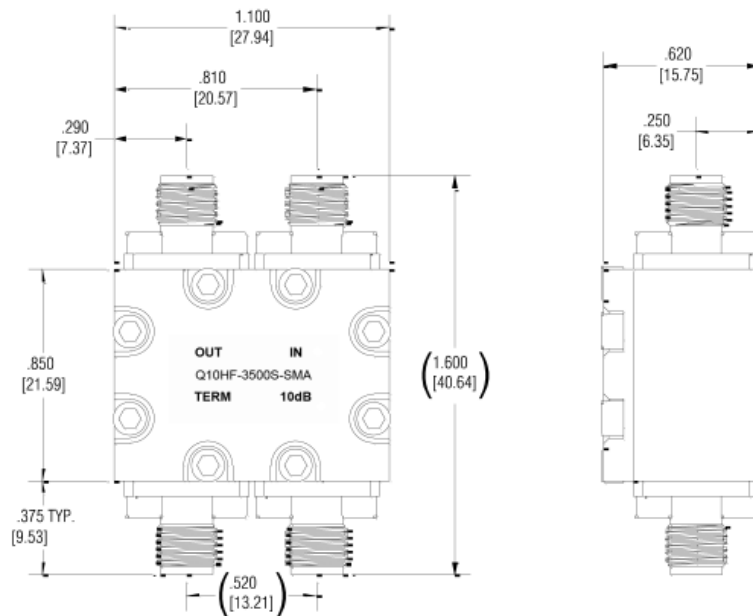
FREQ (MHz)	POWER (W)	PART NUMBER	INSERTION LOSS (dB)	COUPLING (dB)	ISOLATION (dB)	VSWR	OPERATING TEMP (°C)
2500-4500	50	Q10HF-3500S-SMA	0.3	10 ± 1.5	16	1.2	-40 to +85

\* Units tested with small signal at 25°C. Specifications subject to change without notice. Specifications guaranteed when operated in a 50Ω system

## MECHANICAL

\* Dimensions are inches [millimeters].

- Housing: Aluminum
- Plating: Nickel
- Connectors: 18GHz SMA

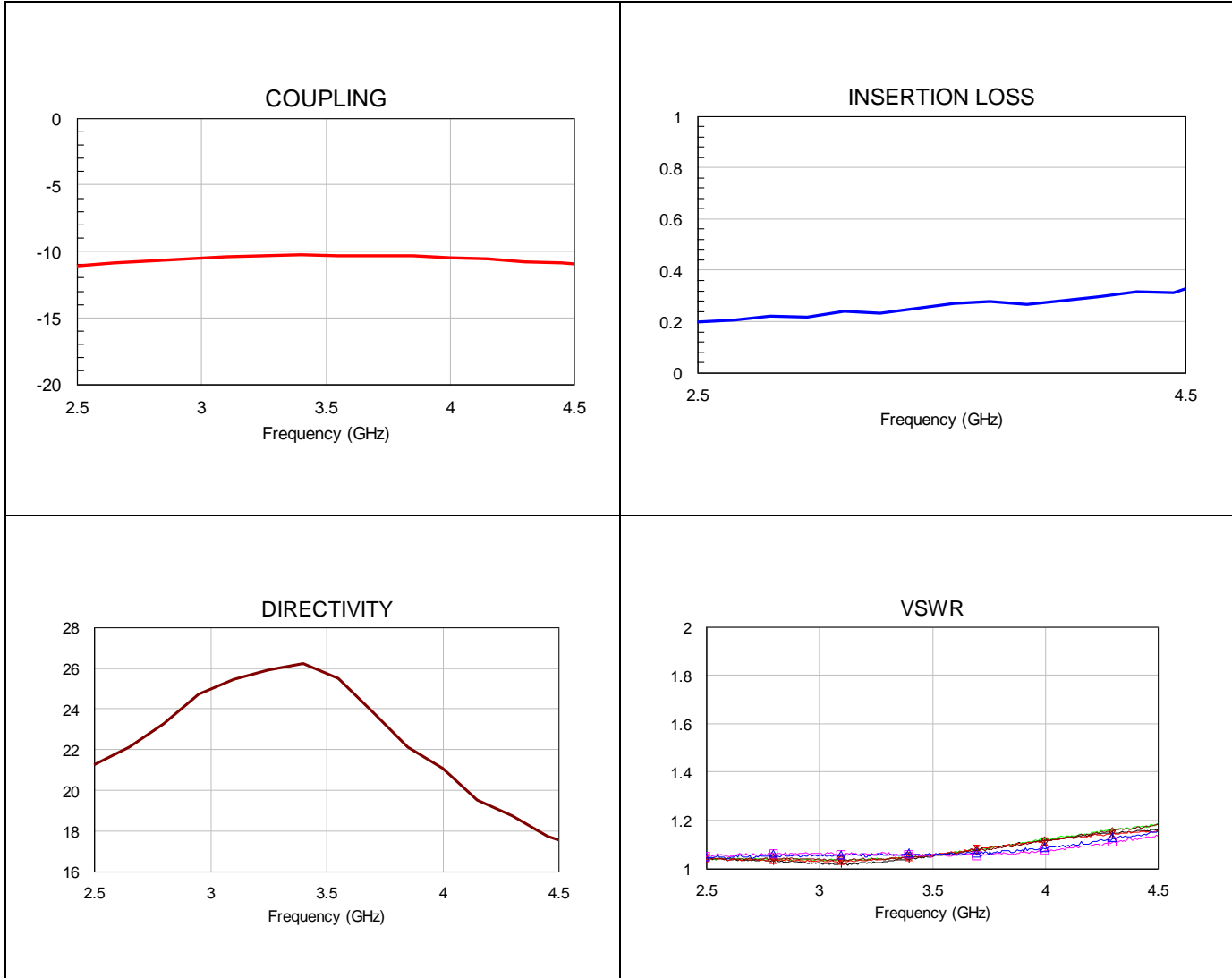


# Q10HF-3500S-SMA

SMA 10dB DIRECTIONAL COUPLER

REV 1.0.0

## TYPICAL PERFORMANCE



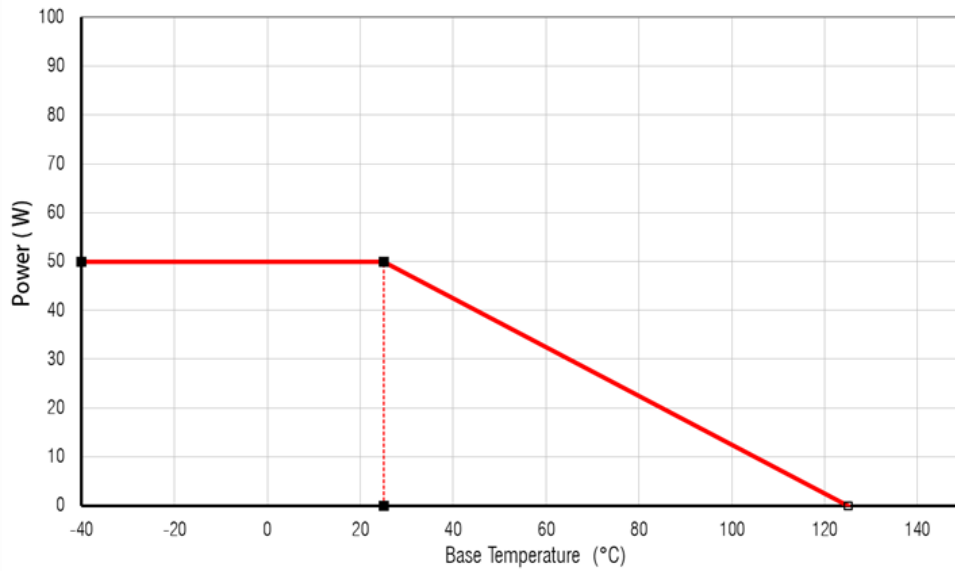
# Q10HF-3500S-SMA

SMA 10dB DIRECTIONAL COUPLER

REV 1.0.0

## POWER DERATING

### POWER DERATING



## ORDERING INFO

Q 1 0 H F

①

-

3 5 0 0 S S M A

②

③

①

PRODUCT CODE

DIRECTIONAL COUPLER

②

FREQUENCY

MHz

③

Connector type

SMA = SMA



The Q10HF-3500S-SMA is a lead free, RoHS compliant product.