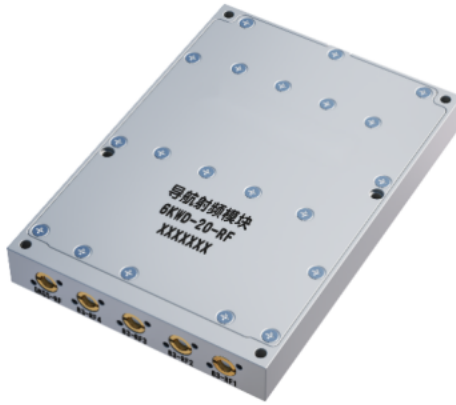




## Navigation terminal equipment RF module



### ➤ Product features

The radio frequency module of the navigation terminal equipment functionally includes four B3 down-conversion channels and one GPS L1 down-conversion channel.

With BD, GPS working mode; strong anti-electromagnetic burnout, anti-interference ability; low power consumption.

### ➤ Main indicator parameter

Parameter name	Typical value
Model	6KWD-20-RF
Main indicators of B3 anti-jamming receiving channel	
Input frequency	L
Output frequency	46.XXMHz±10.XXMHz
Gain	40dB
Noise figure	≤2.0dB
LO leakage power	≤-90dBm
Channel-to-channel isolation	≥35dB
Image suppression	≥70dB
Input and output standing waves	≤2.0
Main indicators of GPS receiving channel	
Input frequency	L
Output frequency	2.XXMHz±1.XXXMHz
GPS channel gain	95±3dB



Parameter name	Typical value
Model	6KWD-20-RF
Noise figure	≤3dB
AGC dynamic range	≥35dB
Isolation between B3 and GPS receiving channel	≥80dBc
Input standing wave	≤2.0
Common indicators	
Power input	+5V±0.5V, Ripple wave≤200mV
Power consumption	≤3.5W
Module weight	≤180g
Product size	93mm×65mm×11mm
Operating temperature	-55℃~+85℃

