



# DMS International

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## Avenger 321

## Digital HQ Single LNBF

### Standard Linear Single LNBF

- ✓ Low noise figure
- ✓ Easy Installation (40mm)
- ✓ Excellent Performance
- ✓ Low Power Consumption
- ✓ High quality weather protection



### SPECIFICATIONS

|                            |  |
|----------------------------|--|
| FREQUENCY RANGE            | 11.7 ~ 12.75GHz  |
| REFLECTOR TYPE             | OFFSET   |
| F/D RATIO                  | 0.6  |
| CROSS POL. ISOLATION       | 20 dB (min.)   |
| CONVERSION GAIN            | 55dB(TYP) @25°C 50dB(min)  |
| GAIN FLATNESS              | 4.5dB (Over Band )   |
| OUTPUT FREQUENCY           | 950 ~ 2000 MHz   |
| L.O. FREQUENCY             | 10.75 GHz  |
| L.O. FREQUENCY STABILITY   | ±1.0MHz@25°C<br>±3.0MHz @-40°C ~ +60°C   |
| L.O. PHASE NOISE           | -40dBc/Hz (1kHz Offset)<br>-60dBc/Hz (10kHz Offset)<br>-80dBc/Hz (100kHz Offset) |
| OUTPUT POWER LEVEL         | 0 dB ( min. )  |
| IMAGE REJECTION            | 40 dB ( min. )   |
| OUTPUT VSWR                | 2.5 : 1 ( MAX.)  |
| OUTPUT CONNECTOR           | 75 Ω F TYPE FEMALE   |
| DC CURRENT CONSUMPTION     | 120mA(TYP) 150mA(Max)  |
| Polarity Switching Voltage | V : 11~14V DC<br>H : 16~19V DC   |
| OPERATING TEMPERATURE      | -30 °C to +60 °C   |