

WR12 Bandpass Filter 76-81 GHz



TECHNICAL SPECIFICATIONS

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| <ul style="list-style-type: none"> • Passband Frequency Range
76-81 GHz • Passband Return Loss
Minimum -15 dB VSWR • Stopband Rejection (High-End)
85-90 GHz at -40 dBc • Construction
Gold-plated brass with precision machining | <ul style="list-style-type: none"> • Insertion Loss
Typical 0.8 dB (Maximum 1.5 dB) • Stopband Rejection (Low-End)
DC to 71 GHz at -40 dBc • Operating Temperature Range
-40°C to +85°C • Weight
35 grams |
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APPLICATIONS

Automotive Radar: System testing and validation for E-band radar sensors

Defense & Security: Foreign Object Debris (FOD) detection and radar transceiver integration

Telecommunications: RF over Fiber (RoF) signal conditioning and E-band link applications

Test & Measurement: General purpose RF and mmWave test equipment