

Q7A0305

DC~3GHz, 5W

Features:
 * Low VSWR
 * High Attenuation Flatness

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency: DC~3GHz
 Attenuation: 10, 20 ,30dB
 VSWR: 1.15 max.@DC-1GHz
 1.25 max.@DC-3GHz
 Impedance: 75Ω
 Average Power⁺¹: 5W@25°C
 Peak Power⁺²: 1KW

[1] Derated linearly to 0.5W@125°C
 [2] Pulse width: 5us, duty cycle: 0.5%.

Attenuation Accuracy

| Frequency (GHz) | Attenuation Accuracy (±dB) vs. Attenuation (dB) | | |
|-----------------|---|------|------|
| | 10 | 20 | 30 |
| DC~1 | ±0.4 | ±0.4 | ±0.4 |
| DC-3 | ±0.4 | ±0.5 | ±0.6 |

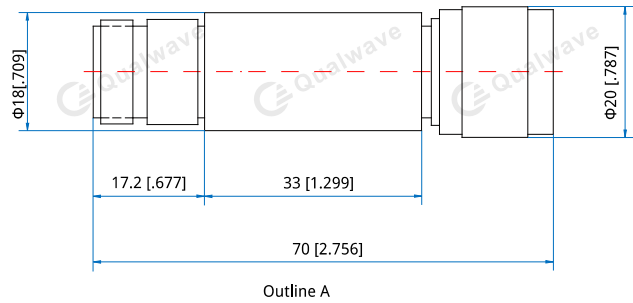
Mechanical

RF Connectors: F , N , BNC
 Housing: Aluminum
 Outer Conductor: Nickel plated brass
 Male Inner Conductor: Gold plated brass
 Female Inner Conductor: Gold plated beryllium copper

Environmental

Temperature: -55~+125°C

Outline Drawings



Unit: mm [in]
 Tolerance: ±5%

How To Order

Q7A0305-X-Y-Z

X: Frequency in GHz

Y: Attenuation in dB

Z: Connector type

Connector naming rules:

F - F

N - N (Outline A)

B - BNC

Examples:

To order an 75Ω attenuator, DC~3GHz, 10dB, N male to N female, specify Q7A0305-3-10-N.