

Q7T0302

DC~3GHz, 2W

Features:
 * Low VSWR
 * Broadband

Applications:
 * Transmitters
 * Antennas
 * Laboratory Test
 * Impedance Matching

Electrical

Frequency Range: DC~3GHz
 Average Power^{*1}: 2W@25°C
 Peak Power^{*2}: 0.5KW
 Impedance: 75Ω

[1] Derated linearly to 0.2W@125°C.
 [2] Pulse width: 5us, duty cycle: 0.4%.

VSWR

Frequency (GHz)	VSWR (max.)
DC~1	1.1
DC~2	1.15
DC~3	1.2

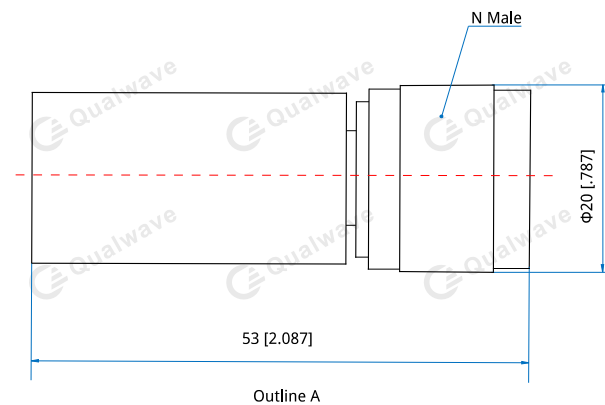
Mechanical

Connector: F, BNC, N
 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

Q7T0302-X-Y

X: Frequency in GHz

Y: Connector type

Connector naming rules:

F - F male

B - BNC male

N - N male (Outline A)

Examples:

To order a termination, DC-1GHz, N male, specify Q7T0302-1-N.

Customization is available upon request.