

QD-10-26500

0.01~26.5GHz

Features:

- * Broadband
- * High Sensitivity

Applications:

- * Telecom
- * Instrumentation
- * Laboratory Test
- * Radar

Electrical

Frequency Range:	0.01~26.5GHz
Sensitivity:	500mV/mW @0.01~18GHz 180mV/mW @0.01~26.5GHz
Input Power:	20dBm max.
Impedance:	50Ω

Flatness and VSWR

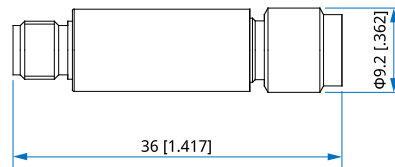
Frequency(GHz)	Flatness (dB, max.)	VSWR (max.)
0.01~4	±0.3	1.2
0.01~8	±0.3	1.4
0.01~12	±0.5	1.5
0.01~18	±0.6	1.8
0.01~26.5	±1.5	2.2

Mechanical

Size:	Φ9.2*36mm Φ0.362*1.417in
Weight:	10g max.
Input Connector:	SMA Male
Output Connector:	SMA Female
Housing:	Nickel plated brass
Outer Conductor:	Nickel plated brass
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper

Environmental

Temperature:	-20~+55°C
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Outline Drawings


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

QD-10-X-Y-Z

X: Stop frequency in MHz

Y: Polarity

P - Positive

N - Negative

Z: Connector type

Connector naming rules:

S - SMA

Examples:

To order a coaxial detector, 0.01~18GHz, SMA male to SMA female, positive, specify QD-10-18000-P-S.

Customization is available upon request.