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.
Rise Time:	20nS
Falling Time:	20nS
Impedance:	50Ω

Flatness and VSWR (SMA)

Frequency(GHz)	Flatness (dB, max.)	VSWR (max.)	Connector	
			Input	Output
0.01~4	±0.3	1.2	SMA(m)	SMA(f), BNC(f)
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	±0.6 (0.01-18GHz) ±1.5 (18-26.5GHz)	1.5 (0.01-18GHz) 2.2 (18-26.5GHz)	SMA(m)	SMA(f), BNC(f)

Flatness and VSWR (N)

Frequency(GHz)	Flatness (dB, max.)	VSWR (max.)	Connector	
			Input	Output
0.01~4	±0.3	1.2	N(m)	N(f), SMA(f), BNC(f)
0.01~8	±0.3	1.4		
0.01~12	±0.5	1.8		
0.01~18	±0.6	2.2		

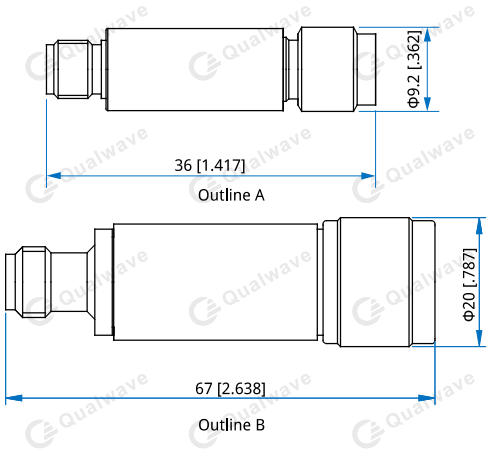
Mechanical

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℃

Outline Drawings



Unit: mm [in]
Tolerance: ±5%

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 - Input: SMA male, Output: SMA female (Outline A)
SB - Input: SMA male, Output: BNC female
N - Input: N male, Output: N female(Outline B)
NS - Input: N male, Output: SMA female
NB - Input: N male, Output: BNC female

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

Customization is available upon request.