

Coaxial Detectors

FPD-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 @0.01~26.5
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 (0.01-18GHz)	SMA(m)	SMA(f), BNC(f)
	±1.5 (18-26.5 GHz)	2.2 (18-26.5 GHz)		

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		

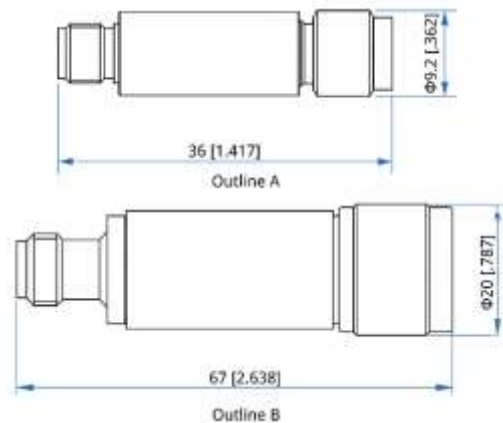
Mechanical

Housing	Nickel plated brass
Outer Conductor	Nickel plated brass
Male Inner Conductor	Gold plated brass
Female Inner Conductor	Gold plated beryllium copper

Environmental

Operating Temperature	-20~+55°C
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Outline Drawings



Note(s)

Unit: mm [in]
Tolerance: ±5%