

MODEL 9260

34Vp-p Differential / Dual Channel Signal Amplifier

Specification

CONFIGURATION

Channels: 2 with single-ended outputs; 1 with differential output

INPUT CHARACTERISTICS

MAIN INPUT

Connector: Front panel BNCs
Impedance: 50 , 75 or 1M
Coupling: DC or AC
Damage Level: 12Vp-p (-6V to +6V peaks)
Differential Mode Accuracy: 4%

INPUT AUXILIARY CHARACTERISTICS

Connector: Rear panel BNC
Impedance: 50
Coupling: DC
Damage Level: 12Vp-p (-6V to +6V peaks)

OFFSET AUXILIARY CHARACTERISTICS

Connector: Rear panel BNC
Impedance: 10k
Coupling: DC
Damage Level: ±2V
Accuracy: 7%

OUTPUT CHARACTERISTICS

GENERAL

Connector: Front panel BNC
Source Impedance: 0Ω
Coupling: DC or AC
Protection: Short-circuit & Thermal protection
Gain (50 load): x10⁽²⁾, fixed
Polarity: Normal
Amplitude: 34Vp-p into matching impedance

Max. Output Current: 1A

SQUARE WAVE CHARACTERISTICS

Transition Time: <10ns (typ.)
Aberrations: <10%

SINE WAVE CHARACTERISTICS

Bandwidth (-3dB): 45MHz (typ.)
Frequency Range: DC to 45MHz
Harmonics Distortion (typ.): 10Vp-p 25Vp-p

1MHz	<-65dBc	<-54dBc
10MHz	<-50dBc	<-45dBc
30MHz	<-38dBc	<-30dBc

GENERAL

Voltage Range: 85VAC to 265VAC
Frequency Range: 47Hz to 63Hz
Power Consumption: 25W
Signal Ground: Grounded to case ground
Dimensions:
 With Feet 315 x 102 x 395 mm (WxHxD)
 Without Feet 315 x 88 x 395 mm (WxHxD)
Weight:
 Without Package 3.5kg
 Shipping Weight 4kg
Temperature:
 Operating 0°C to 50°C
 Storage -40°C to 70°C
Humidity: 80% RH, non condensing
Safety: CE Marked, IEC61010-1
Calibration: 1 year
Warranty^(*): 3 years standard

ORDERING INFORMATION

34Vp-p Differential / Dual-Channel Signal Amplifier

MODEL 9260-10-50-D-S(1)

Gain: 10, 15 or 20, fixed⁽²⁾
Input Impedance: 50 = 50Ω
 75 = 75Ω
 1M = 1MΩ
Coupling: D = DC
 A = AC
Output Configuration: S = Two separated channels
 D = Single channel with differential outputs⁽³⁾

(1) Standard Configuration

(2) Custom gain from x10 to x20 can be ordered however, bandwidth may change.

(3) Selectable by switch.

(4) Specification is given for the standard configuration only

(*) Standard warranty in India is 1 year.