



SIGNAL GENERATOR (FUNCTION)

Models : 'DFG - 3' SERIES



SPECIFICATIONS

MODELS :		DFG-2M-3	DFG-3M-3	DFG-5M-3	DFG-10M-3	DFG-15M-3
Main Output	Freq. (0.1 Hz to)	2 MHz	3 MHz	5 MHz	10 MHz	15 MHz
	Waveforms	Sine wave, Square wave, Triangle wave etc., etc.				
	Impedance	50 Ω (\pm 10 %)				
	Amplitude	\geq 20 V p-p (No Load). 10 V p-p with 50 Ω Load.				
	Attenuation	0 dB / 20 dB / 40 dB / 60 dB				
	DC offset	0 ~ \pm 10 V, Continuously Adjustable				
	Symmetry	20 % ~ 80 % / 80 % ~ 20 % (1 Hz ~ 100 KHz)				
Sine wave	Distortion factor	< 1% (0.1 Hz ~ 100 KHz)				
	Freq. response	$\leq \pm$ 0.5 dB (0.1 Hz ~ 100 KHz), $\leq \pm$ 1 dB (100 KHz ~ 2 MHz)				
Square wave Rise / Fall time		\leq 100 nS			\leq 50 nS	\leq 35 nS
Triangle wave		Linearity : 90%				
TTL / CMOS Output (Impedance = 600 Ω)		Level : TTL - Low : \leq 0.4 & High : \geq 3.5 V. CMOS - Low : 0.5 V & High : 5~14 V. Continuously Variable. Rise or fall time : \leq 100 nS				
VCF		Input voltage : - 5V ~ 0 V, DC ~ 1 KHz. Max. Control : 1000:1				
Counter	Display	6 digits				
	Frequency range	1 Hz ~ 30 MHz				
	Input impedance	1 M Ω // 20 pF				
	Sensitivity	100 mV rms				
	Accuracy	\leq 0.003 % \pm 1 Digit				
	Attenuator	20 dB				
	Max. Input	150 V (AC + DC) (With Attenuator)				
Accessories Supplied		User's Manual, Mains Cord & BNC Cable.				
Power source		220 V AC (\pm 10 %), 50 Hz (\pm 2 Hz)				
Dimensions & weight		255 x 100 x 280 mm (W x H x D) & Approx 4 Kg.				

NOW ALSO AVAILABLE - Model DFG-1M-3 - 1 MHz Model - Same Specs., As Above but 1 MHz .

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** All Specifications & appearances are subject to change without prior notice.*