




Optically Isolated Probe Comparison

Brand	Micsig SigOFIT						Tektronix IsoVu			LeCroy DL-ISO		
Model	MOIP01P	MOIP02P	MOIP03P	MOIP05P	MOIP08P	MOIP10P	TIVP02	TIVP05	TIVP1	DL03-ISO	DL07-ISO	DL10-ISO
Bandwidth	100MHz	200MHz	350 MHz	500 MHz	800 MHz	1 GHz	200MHz	500 MHz	1 GHz	350 MHz	700 MHz	1 GHz
Rise Time	≤3.5ns	≤1.75ns	≤1ns	≤700ps	≤438ps	≤350ps	2ns	850 ps	450 ps	1.1 ns	575 ps	435 ps
Noise (typical)	<1.41mVrms						0.43 mV rms - 48 mV rms			2.3mV rms	3.0mV rms	3.4mV rms
DC gain accuracy	1,0%						1,5%			1,5%		
Max. Differential Voltage Range	±2500V (DC + Peak AC)						±2500V (DC + Peak AC)			2V - 2500V (Pk to Pk)		
Common Mode Voltage Range	± 60kVpk						± 60kVpk			± 60kVpk		
CMRR(200MHz) (SMA)	/	106dB					100dB			90dB		
CMRR(500MHz) (SMA)	/	/	/	100dB			/	100dB		/	80dB	
CMRR(1GHz) (SMA)	/	/	/	/	/	92dB	/	/	90dB	/	/	75dB
Propagation Delay	15.42ns (2m fiber cable)						18.3ns (2m fiber cable) 63.7ns (10m fiber cable)			n/a		
Power Supply (probe head)	power-over-fiber						power-over-fiber			power-over-fiber		
Available attenuating tips	10X / 20X / 50X / 500X / 1000X / 2000X						1X / 10X / 100X / 500X			2X / 10X / 40X / 200X / 1000X / 2500X		
Standard attenuating tip(s)	10X		20X, 1000X				10X			N/A		
List Price / USD	\$2 399,00	\$3 699,00	\$9 999,00	\$14 999,00	\$18 799,00	\$22 299,00	\$10 800,00	\$25 900,00	\$37 900,00	\$15 490,00	\$19 990,00	\$24 990,00
PHOTO												
Supported Oscilloscope	All BNC-type oscilloscopes with 50Ω impedance						only Tektronix's 4/5/6 series			only LeCroy's HDO & Waverunner series		
Features	Plug and play, no need to wait; Auto-calibration in just 1 second; Most compact design, much easier to set up.						Takes 30 minutes to warm-up; self-calibration takes 1 minute;			Takes 30 minutes to warm-up self-calibration fails frequently		