

# High Voltage Differential Probe Selection Table

Product Family	Model Name	INPUT											OUTPUT						MECHANICAL			Operating Temp	Power Supply		
		Input Voltage Differential Mode (Peak)									Bandwidth	Division Ratio	Impedance	Output Voltage	Output Impedance	Rise Time	Accuracy	Noise	Common Mode Rejection @ 100 Hz	Cooling System	Input Connectors			Output Connector	
		±175 V	±600 V	±1.75 kV	±4.0 kV	±6.0 kV	±12.0 kV	±14.0 kV	±17.5 kV	±30.0 kV															
DP02 Series	DP02-100	●										100 MHz	1:100	1 MΩ each	±1.75 V	50 Ω	< 3.5 ns	1.0%	10 μVrms	-120 db	Convection	4 mm safety plugs	50Ω BNC	-40° C to +85° C	PS02-5.2V-L/H (±5.20 V)
	DP02-100-LVC	●																0.1%		-130 db					
	DP02-1K			●									1:1000	10 MΩ each				1.0%		-140 db					
	DP02-1K-LVC			●							0.1%							-145db							
	DP02-2K				●								1:2000	10 MΩ each				1.0%		-155 db					
	DP02-2K-LVC				●						0.1%							-145 db							
	DP02-10K						●						1:10000	10 MΩ each				1.0%		-145 db					
DP02-10K-LVC						●				0.1%	-155 db														
DP03 Series	DP03-100-50		●								75 MHz	1:100	1 MΩ each	±6.0 V	50 Ω	< 4.7 ns	1.0%	70 μVrms	-120 db	Convection	4 mm safety plugs	50Ω BNC	-40° C to +85° C	PS02-15.2V-L/H (±15.20 V)	
	DP03-100-LVC-50		●														0.1%		-130 db						
	DP03-1K-50					●						1:1000	10 MΩ each				1.0%		-140 db						
	DP03-1K-LVC-50					●				0.1%							-150 db								
	DP03-2K-50						●					1:2000	10 MΩ each				1.0%		-145 db						
	DP03-2K-LVC-50						●			0.1%							-155 db								
DP04 Series	DP04-100	●									120 MHz	1:100	1 MΩ each	±1.75 V	50 Ω	< 2.9 ns	1.0%	10 μVrms	-120 db	Convection	4 mm safety plugs	50Ω BNC	-40° C to +85° C	PS02-5.2V-L/H (±5.20 V)	
	DP04-100-LVC	●															0.1%		-130 db						
	DP04-1K			●								1:1000	10 MΩ each				1.0%		-145 db						
	DP04-1K-LVC			●						0.1%							-155 db								
	DP04-2K				●							1:2000	10 MΩ each				1.0%		-145 db						
	DP04-2K-LVC				●					0.1%							-155 db								
	DP04-10K						●					1:10000	10 MΩ each				1.0%		-145 db						
DP04-10K-LVC						●			0.1%	-155 db															
DP20 Series	DP20-10K									●	120 MHz	1:10000	20 MΩ each	±1.75 V	50 Ω	< 2.9 ns	1.0%	10 μVrms	-120 db	Convection	4 mm safety plugs	50Ω BNC	-40° C to +85° C	PS02-5.2V-L/H (±5.20 V)	
	DP20-10K-LVC								●	50 MΩ each			0.1%				-130 db								
	DP20-20K									●		1:20000	20 MΩ each				1.0%		-145 db						
	DP20-20K-LVC								●	50 MΩ each			0.1%				-155 db								
DP30 Series	DP30-2K						●				75 MHz	1:2000	20 MΩ each	±6.0 V	50 Ω	< 4.7 ns	1.0%	70 μVrms	-120 db	Convection	4 mm safety plugs	50Ω BNC	-40° C to +85° C	PS02-15.2V-L/H (±15.20 V)	
	DP30-2K-LVC						●			50 MΩ each			0.1%				-130 db								
	DP30-10K									●		1:10000	20 MΩ each				1.0%		-120 db						
	DP30-10K-LVC								●	50 MΩ each			0.1%				-130 db								