





MODULAR TEST LEADS


	Modular test leads			
				
	TL221 SureGrip™ Test Lead Extension Set	TL222 SureGrip™ Silicone Insulated Test Leads	TL224 SureGrip™ Insulated Test Leads	TL27 Heavy-Duty Test Lead Set
Description	Modular test leads provide the convenience of attaching clips, hooks and grabbers as needed. All the leads offer strain relief and include banana jack terminations that allow a great variety of test lead configurations.			
Specifications				
Cable length	1.5 m (59 in)	1.5 m (59 in)	1.5 m (59 in)	1.5 m (59 in)
Category rating	CAT III 1000 V, CAT IV 600 V, 10 A	CAT III 1000 V, CAT IV 600 V, 10 A	CAT III 1000 V, CAT IV 600 V, 10 A	CAT II 600 V, 3 A rating
Termination	Safety-shrouded 4 mm (0.16 in) banana jacks	Safety-shrouded 4 mm (0.16 in) banana jacks	Safety-shrouded 4 mm (0.16 in) banana jacks	Safety-shrouded 4 mm (0.16 in) banana jacks
Connectors	Straight connectors on both ends	Right angle connectors on both ends	Right angle in one end, straight in the other	Straight connectors on both ends

This wide variety of clips and probes allows you to configure the modular test leads to individual needs. Use with modular clips (Table A) or modular test probes (Table B).

Table A

Modular clips				
				
	AC285 SureGrip™ Alligator Clips	AC220 SureGrip™ Alligator Clips	AC280 SureGrip™ Alligator Clips	AC283 SureGrip™ Pincer Clips
Specifications				
Maximum grip	1.5 m (59 in)	1.5 m (59 in)	1.5 m (59 in)	1.5 m (59 in)
Category rating	CAT III 1000 V, CAT IV 600 V, 10 A	CAT III 1000 V, CAT IV 600 V, 10 A	CAT III 1000 V, CAT IV 600 V, 3 A	CAT II 600 V, 3 A rating
Application	Fine gauge wire to a 20 mm bolt	Screw heads	Wires and cables	Continuity testing on circuit board (diodes)

Table B

Modular test probes						
						
	TP175 TwistGuard™ Test Probes	TP220 SureGrip™ Industrial Test Probes	TP1/TP2/TP4 Slim Reach™ Test Probes	TP80 Electronic Test Probes	TP74 Lantern Tip Test Probes	TP38 Slim Reach™ Test Probes
Specifications						
Tip dimensions	19 to 4 mm (0.75 to 0.16 in)	12 mm (0.47 in)	Up to 14.7 mm (0.58 in) 1 mm (TP1) 2 mm (TP2) 4 mm (TP4) diameter probe	Up to 3.9 mm (0.157 in)	Banana style 4 mm (0.16 in) spring contacts Nickel-plated brass ends	24 mm (0.95 in), including insulated part of the tip
Category rating	CAT III 1000 V, CAT IV 600 V, while providing flexibility for CAT II measurements	CAT II 1000 V (CAT III 1000 V, CAT IV 600 V with cap), 10 A	CAT II 1000 V (CAT III 1000 V, CAT IV 600 V with cap), 10 A	CAT III 1000V, 1A	CAT II 1000 V (CAT III 1000 V, CAT IV 600 V with cap), 10 A	CAT III 1000 V, CAT IV 600 V, 10 A
Application	General-purpose measurements	Industrial	Electrical	Electronics	Electrical	Electrical