

Applications



Mobile devices

Hand held devices

Consumer furniture with integrated electronics



Cash payment systems

Vending machines

Office equipment



Drones

Agricultural equipment

Automotive infotainment

Features

Pre-Crimped Leads	Discrete Cables	Overmolded Cables
No Hand Tool Requested + No Crimp Applicator Required	No Hand Tool Requested + No Crimp Applicator Required	No Hand Tool Requested + No Crimp Applicator Required + No Overmold Tooling Required
Great for Rapid Prototyping	Great for Rapid Prototyping	Great for Rapid Prototyping
Reduced Design Time to Market	Reduced Design Time to Market	Reduced Design Time to Market
Configurable in Outs	Common Pin Outs	Common Pin Outs
Discrete Wire	Discrete UL Wire	Jacketed UL Wire
	Connectors Added	Connectors Added
	Production Ready	Production Ready
	Dual-Ended	Dual-Ended

BROCHURE

OFF-THE-SHELF (OTS) CABLE ASSEMBLIES

Pre-Crimped Leads
Discrete Cables
Overmolded Cables

creating connections for life



www.molex.com/link/otscableassemblies.html

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PRE-CRIMPED LEADS >

PRE-CRIMPED LEADS

Pre-crimped Leads provide simple solution for customers to quickly prototype cables. These cables are dual-ended cable assemblies with crimped terminals on both ends of the assembly. They are available in the most popular Molex connector families. Pre-Crimped Leads were designed with multiple wire gauges to accommodate different pin-out combinations with Molex connectors for rapid prototyping.



Product Family	Series	Length	Terminal (A)	Terminal (B)	Wire Gauge
.062"	79758	150mm/300mm	Female/Male	Female/Male	22 AWG/24 AWG
.093"	79758	150mm/300mm	Female/Male	Female/Male	18 AWG/ 22 AWG
C-Grid	79758	150mm/300mm	Female	Female	28 AWG
CLIK-Mate	79758	150mm/300mm	Female	Female	16 AWG/24 AWG
DuraClik	79758	150mm/300mm	Female	Female	24 AWG/28 AWG
KK 254/396	79758	150mm/300mm	Female	Female	16 AWG/22 AWG
Mega-Fit	79758	150mm/300mm	Female/Male	Female/Male	18 AWG
Micro-Clasp	79758	150mm/300mm	Female	Female	24 AWG
Micro-Fit	79758	150mm/300mm	Female	Female	20 AWG
Mini-Fit	79758	150mm/300mm	Female/Male	Female/Male	18 AWG
MLX	79758	150mm/300mm	Female/Male	Female/Male	24 AWG/26 AWG/30 AWG
PicoBlade	79758	150mm/300mm	Female	Female	26 AWG
Pico-Clasp	79758	150mm/300mm	Female	Female	24 AWG/26 AWG/28 AWG
Pico-Ezmate	79758	300mm	Female	Female	24 AWG
Pico-Lock	79758	150mm/300mm	Female	Female	16 AWG/18 AWG
Pico-Spox	79758	150mm/300mm	Female	Female	16 AWG/24 AWG
Sabre	79758	150mm/300mm	Female/Male	Female/Male	22 AWG/26 AWG/28 AWG
Sherlock	79758	150mm/300mm	Female	Female	24 AWG/28 AWG
SL	79758	150mm/300mm	Female	Female	22 AWG

DISCRETE CABLES >

DISCRETE CABLES

Discrete Cable Assemblies provide standard predetermined cables enabling engineering to quickly test systems. These are fully assembled, dual-ended cable assemblies with connectors. They are available in the most popular Molex connectors families. Discrete Cable Assemblies were designed with the largest wire gauge that connectors can accommodate to meet any prototype requirement on the market. Discrete Cables reduce engineering (mechanical and electrical) and purchasing time needed to qualify a cable. In addition, they are crimped in an automated press eliminating the risk of poor crimping during prototyping. These cables are great for prototyping all the way into mass production.



Product	Series	Pitch	Amperage	Circuits	Wire Gauge	Wire/Cable Type	Cable Length (mm)
Pico-Clasp	15133	1.0mm	1.0A	2 to 8	28 AWG	1571	50, 100, 150, 300, 450, 600
Pico-Lock	15131,15132	1.0mm /1.50mm	1.0A	2 to 12	24 AWG	1571	50, 100, 150, 300, 450, 600
Micro-Lock Plus	45111	1.25mm	1.5A	2 to 6	26 AWG	1061	50, 100, 150, 300, 450, 600
PicoBlade	15134	1.25mm	1.0A	2 to 8-,10-,12-,14	28 AWG	1061	50, 100, 150, 300, 450, 600
Clik-Mate	15135	1.5mm	2.5A	2 to 8	24 AWG	1061	50, 100, 150, 300, 450, 600
Micro-Clasp	15136	2.0mm	3.0A	2 to 8	22 AWG	1061	50, 100, 150, 300, 450, 600
Nano-Fit	45130	2.5mm	6.5A	2-, 4-, 6-, 8-, 10	20 AWG	1061	150, 300, 1000
Micro-Fit	45132	3.0mm	5.0A	2-, 4-, 6-, 8-, 10	20 AWG	1007	150, 300, 1000
Ultra-Fit	45133	3.5mm	14.0A	2-, 4-, 6-, 8	16 AWG	1061	150, 300, 1000
Mini-Fit	45135	4.2mm	9.0A	2-, 4-, 6-, 8-, 10	16 AWG	1007	150, 300, 1000
Mega-Fit	45136	5.7mm	22.0A	2-, 4-, 6-, 8-, 10	12 AWG	1015	150, 300, 1000
MultiCat	45141/45142	7.4mm	40.0A	3 to 4	8, 12, 16 AWG	1199	300, 1000
Mini-Fit Sr.	45138	10.0mm		2 to 3	8 AWG	2464	300, 1000
Pico-EZmate	36920	1.20	1.5A	2 to 6	28 AWG	UL 1571	50, 100, 150, 300, 450, 600
Pico-Spox	218396	1.50	2.5A	2 to 6, 8	24 AWG	UL 10002	50, 100, 150, 300, 600
DuraClik	218322	2.00	3.0A	2 to 6, 8, 10	22 AWG	FLRY-A	150, 300, 600
Micro-One	21965	2.00	4.0A	2 to 6, 8	22 AWG	UL 1569	50, 100, 150, 300, 600
Milli-Grid	21850	2.00	2.0A	4, 6, 8, 10	24 AWG	UL 10002	50, 100, 150, 300, 600
EdgeLock	21633	2.00	3.0A	2, 4, 6, 8	24 AWG	UL 10002	100, 150, 300, 600
Mini-Lock	15137	2.50	3.5A	2 to 11	22 AWG	UL 1061	50, 100, 150, 300, 450, 600
SL (Positive latch)	21627	2.54	3.0A	2 to 6, 8	22 AWG	UL 11028	50, 100, 150, 300, 600
C-Grid III	21965	2.54	3.0A	6, 8, 10, 12, 14, 16	22 AWG	UL 11028	150, 300, 600
KK 254	21779	2.54	3.0A	2 to 6, 8 & 10	22 AWG	UL 11028	150, 300, 600
Ditto	36922	3.00	5.0A	2 to 6, 8	20 AWG	UL 1061	50, 100, 150, 300, 450, 600
KK Plus	36921	3.96	13.0A	2 to 6	18 AWG	UL 1015	75, 150, 300, 1000
Standard 0.093"	21629	6.70	12.0A	1 to 4, 6	14 AWG	UL 1015	150, 300, 600

OVERMOLDED CABLES >

OVERMOLDED CABLES

Overmolded Cables Assemblies provide a ruggedized standard cable for engineers to concept. These cable assemblies are fully assembled, dual-ended cable assemblies with ruggedized overmold for connectors. They are available in the most popular Molex connector families. Overmolded Cable Assemblies were designed with the largest wire gauge that connectors can accommodate using a jacketed cable. Overmolded Cable Assemblies reduce engineering (mechanical and electrical) and purchasing time needed to qualify a cable. These cables are now standard and reduce costly tooling charges for prototyping overmolded products. These cables are great for prototyping all the way to mass production.



Product Family	Series	Pitch	Amperage	Circuits	Wire Gauge	UL Cable No.	Cable Length (mm)
Nano-Fit	245131	2.5mm	6.2A	2-, 4-, 6-, 8-, 10	20 AWG	2464	500, 1000, 2000, 3000, 5000
Micro-Fit	245132	3.0mm	5.0A	2-, 4-, 6-, 8-, 10	20 AWG	2464	500, 1000, 2000, 3000, 5000
Ultra-Fit	245133	3.5mm	14.0A	2-, 4-, 6-, 8-, 10	18 AWG	2464	500, 1000, 2000, 3000, 5000
Mini-Fit Jr.	245135	4.2mm	9.0A	2-, 4-, 6-, 8-, 10	18 AWG	2464	500, 1000, 2000, 3000, 5000
Mega-Fit	245136	5.7mm	22.0A	2-, 4-, 6-, 8-, 10	12 AWG	2464	500, 1000, 2000, 3000, 5000
Micro-Fit Overmolded	24513	3.0mm	5.6A	2, 4, 6, 8,10	-	1007	Adaptor