

# 3M™ Scotchlok™ IDC Wire Connectors



## SCOTCHLOK™ IDC CONNECTORS FOR ELECTRICAL APPLICATIONS

### Pigtail, Moisture Resistant and Flame Retardant

• Used to electrically connect two or three wire ends, insulate the connection, and provide a moisture resistant seal. **For quantities of 2000 and up, call for quote.**

MOUSER STOCK NO.	Fig.	Type	Color	Wire (AWG) Stranded or Solid	Insulation O.D. Max. (In.)	Operating Temperature	Price Each			
							1	100	500	1000
517-314	A	1 or 2	Blue	22-14	0.15	105°C	.77	.68	.62	.57

### Pigtail, Flame Retardant

• Used to electrically connect two or three wire ends and insulate the connection. **For quantities of 2000 and up, call for quote.**

517-314U	A	1 or 2	White	22-14	0.15	105°C	.48	.43	.39	.36
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### Pigtail

• Used to electrically connect two wire ends and insulate the connection. **For quantities of 2000 and up, call for quote.**

517-557	B	1	Red	22-16	0.12	105°C	.20	.19	.18	.17
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### Run and Tap, Flame Retardant

• Used to electrically connect a (tap) wire end to a through (run) wire and insulates the connection. **For quantities of 2000 and up, call for quote.**

517-558	C	3	Red	22-16	0.12	105°C	.27	.24	.22	.20
517-567	D	3	Brown	18-14 Tap, 12-10 Run	0.145 Tap, .190 Run	105°C	.34	.30	.28	.25

### Double Run and Tap, Flame Retardant

• Used to electrically connect a (tap) wire end to a through (run) wire and insulates the connection. **For quantities of 2000 and up, call for quote.**

517-560	E	3 or 4	Lt. Blue	18-14	0.145	105°C	.14	.13	.12	.11
517-562	F	3 or 4	Yellow	12, 10 Stranded Only	0.19	90°C	.23	.20	.19	.17

### Double Run

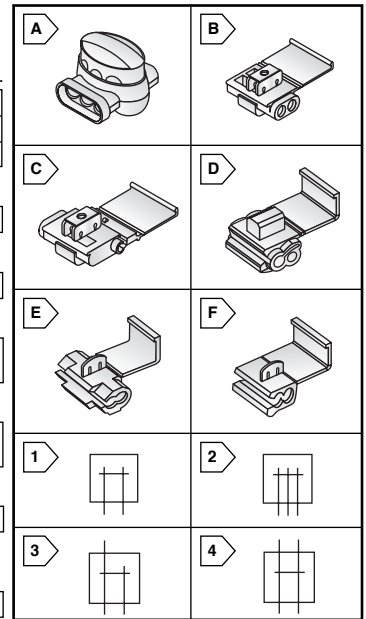
• Used to electrically connect two wires in a tap, inline, pigtail, or double run installation and insulate the connection. **For quantities of 2000 and up, call for quote.**

517-564	E	4	White	18-14	0.145	90°C	.14	.13	.12	.11
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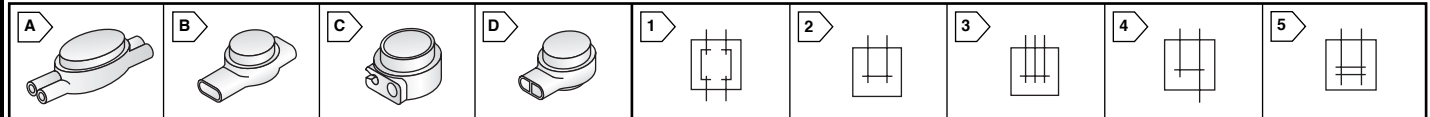
### Double Run or Tap, Low Voltage (Automotive) Applications

• Used to electrically connect two wires in a tap, inline, pigtail, or double run installation and insulate the connection. **For quantities of 2000 and up, call for quote.**

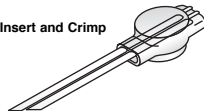
517-905	E	3 or 4	Red	22-18 Tap	.110	90°C	.20	.18	.16	.15
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## SCOTCHLOK™ IDC CONNECTORS FOR COMMUNICATION APPLICATIONS



- May be used on standard polyethylene wire insulation, polypropylene insulation of filled cable, and pulp.
- Use of a connector is limited only to wire range and port size
- Wire sizes may be intermixed within a connector
- Self stripping, insulated, and moisture resistant
- Contains EG-3 sealant - consisting of white mineral oil, polybutylene, and silane-treated amorphous silica



### Full-Pair Connector

MOUSER STOCK NO.	Fig.	Type	Color	Wire (AWG) Stranded or Solid	Price Each			
					1	100	500	1000
517-U1R	A	1	Red	19-24	1.93	1.64	1.58	1.47

### 2 or 3 Wire Butt Connectors

MOUSER STOCK NO.	Fig.	Type	Color	Wire (AWG) Stranded or Solid	Price Each			
					1	100	500	1000
517-UAL	B	2 or 3	Gray	17-24	.47	.44	.41	.39
517-UR20074	B	2 or 3	Red	19-26	.17	.16	.15	.14

### Tap Connector

MOUSER STOCK NO.	Fig.	Type	Color	Wire (AWG) Solid	Price Each			
					1	100	500	1000
517-UG20082	C	4	Green	19-26	.20	.18	.17	.16

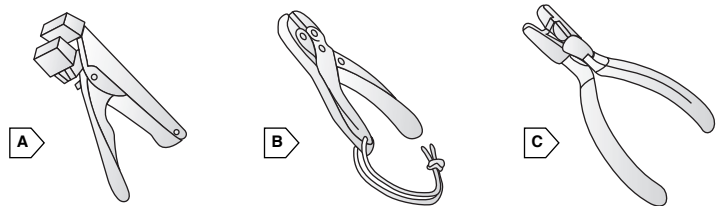
### 2-Wire Butt Connector

MOUSER STOCK NO.	Fig.	Type	Color	Wire (AWG) Solid	Price Each			
					1	100	500	1000
517-UY14911	D	2	Yellow	22-26	.14	.13	.12	.11

### 19-26 AWG Butt Connector

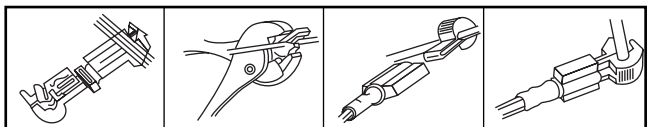
MOUSER STOCK NO.	Fig.	Type	Color	Wire (AWG) Solid	Price Each			
					1	100	500	1000
517-UY2	D	5	Yellow	19-26	.12	.11	.10	.09

## SCOTCHLOK™ IDC CRIMP TOOLS



MOUSER STOCK NO.	Fig.	Description	Price Each
517-E9BM	A	Adjust. jaws crimp tool for use with all IDC, and U series connectors	60.94
517-E9E	B	Parallel action for use with UAL, UG, UR2, UY2, UB2 connectors	30.41
517-E9Y	C	Stepped jaws for use with UAL, UG, UR2, UY2, UB2 connectors	33.25

## SCOTCHLOK™ IDC FEMALE T-TAP DISCONNECTS



- Quick, easy connection
- No messy tape to tangle
- No cutting and stripping the wire

Mates with standard .250 x .032 male blade

MOUSER STOCK NO.	Color	Wire (AWG)	Price Each			
			1	100	500	1000
517-951K	Red	22-18	.19	.15	.13	.12
517-952K	Blue	18-14	.19	.15	.13	.12
517-953K	Yellow	12	.21	.17	.14	.13

## DIRECT BURIAL SPLICE KITS

MOUSER STOCK NO.	Common Wire AWG Combinations	Volts	Splices Per Kit	Price Each		
				1	100	500
*517-DBY-6	2-5 #18, 2 #12	600	2	3.02	2.91	2.81
517-DBY	2-5 #18, 2 #12	30	2	2.29	2.21	2.13
*517-DBR-6	5 #18, 4 #12, 3 #10	600	2	3.59	3.48	3.35

Splice and effectively moisture seal two or more conductors for remote control circuits in irrigation and landscape lighting systems.

