



# Black Insulated Connectors Single Entry Multi Port Connector Large Wire Range



97543-97590



### Technical Data:

- Insulated Mechanical Connector -
- Insulation
  - UV Rated
  - Chemical Resistant
  - Not Rated for Outdoor Use
- Aluminum Mechanical Connector
- Pre-filler with Oxide Inhibitor
- Temperature Rating: -49°F to 194°F
- AL/CU Dual Rated for Gutter, Raceway, Enclosure Power Distribution Applications
- NEC 230.46—Service Entrance Rated
- cULus 486A-B Listed

### Product Data:

Cat. No.	Wire Ports	Wire Range	Lug Type	Voltage Rating	Maximum Temperature	Length (Inches)	Height (Inches)
97543	3	250-6	5/16 Hex	600V	194°F	2.40	2.49
97544	4	250-6	5/16 Hex	600V	194°F	3.29	2.49
97545	5	250-6	5/16 Hex	600V	194°F	4.17	2.49
97546	6	250-6	5/16 Hex	600V	194°F	5.06	2.49
97548	8	250-6	5/16 Hex	600V	194°F	6.83	2.49
97553	3	350-6	5/16 Hex	600V	194°F	2.80	2.64
97554	4	350-6	5/16 Hex	600V	194°F	3.85	2.64
97555	5	350-6	5/16 Hex	600V	194°F	4.90	2.64
97585	3	500-4	5/16 Hex	600V	194°F	3.18	3.03
97586	4	500-4	5/16 Hex	600V	194°F	4.35	3.03
97587	5	500-4	5/16 Hex	600V	194°F	3.03	3.03
97588	6	500-4	5/16 Hex	600V	194°F	3.03	3.03
97590	8	500-4	5/16 Hex	600V	194°F	9.05	3.03



# Black Insulated Connectors

## Single Entry Multi Port—Large Wires



97513—97590

Cat. No.	Wire Ports	Wire Range	Lug Type	Voltage Rating	Maximum Temperature	Length (Inches)	Height (Inches)
97563	3	600-250	5/16	600V	194°F	3.40	3.11
97564	4	600-250	5/16	600V	194°F	4.68	3.11
97565	5	600-250	5/16	600V	194°F	5.95	3.11
97566	6	600-250	5/16	600V	194°F	7.23	3.11
97568	8	600-250	5/16	600V	194°F	9.78	3.11
97573	3	750-250	3/8	600V	194°F	3.60	3.60
97574	4	750-250	3/8	600V	194°F	5.03	3.60
97575	5	750-250	3/8	600V	194°F	6.45	3.60
97576	6	750-250	3/8	600V	194°F	7.88	3.60
97578	8	750-250	3/8	600V	194°F	10.73	3.60

### Torque Data:

WIRE SIZE	CONNECTOR SIZE										
	750	600	500	350	250	3/0	2/0	1/0	1	#2	#4
TORQUE VALUE IN/LBS											
600-750	442										
600	442	398	310								
500	442	398	310								
400	310	398	310								
350	310	398	310	221							
250	310	398	310	221	149						
4/0			310	221	149						
3/0			310	221	149	100					
2/0			310	221	149	100					
1/0			310	221	149	100	89	89			
#3 - # 1			310	221	149	100	89	89	89	80	
#4 - # 6			310	221	149	100	89	89	89	80	35
# 8							89	89	89	80	35
# 10 - # 14							89	89	89	80	35

Note : Not recommended for fine Stranded Flexible Wire .