

Direct Burial UNITAP™ Connectors

UNITAP™

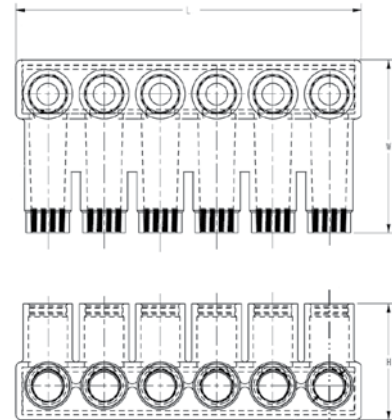
Dual Rated Multiple Tap Connector

These rubber insulated, dual rated connectors are for use in networks up to 600V. Suitable in light fixture pole bases in commercial, industrial, or residential markets. Distribution within strip malls, for use in any multi-tenant facility. No taping or heat shrink required.



Features & Benefits

- Dual rated for aluminum or copper conductors
- Each unit is individually marked for ease of identification
- Supplied with aluminum set-screws
- Covering is the highest quality EPDM rubber
- Supplied with oxide inhibitor pre-installed
- Submersible rated and suitable for Direct Burial
- Meets ANSI C119.1 and C119.4 requirements
- Rated 600V and 90°C; UL Listed and CSA Certified
- For use in wet or damp locations excluding Freezing Conditions; ensure products are installed below frost line (where applicable) when used in wet conditions
- Silicone provided for conductor insertion



Catalog Number	# of Ports	Wire Range (AWG/kcmil)	L	W	H	Wire Strip Length (in)
BIBS3502DB	2	12 AWG-350 kcmil	2.61	4.06	2.46	1.125
BIBS3503DB	3	12 AWG-350 kcmil	3.82	4.06	2.46	1.125
BIBS3504DB	4	12 AWG-350 kcmil	5.03	4.06	2.46	1.125
BIBS3505DB	5	12 AWG-350 kcmil	6.24	4.06	2.46	1.125
BIBS3506DB	6	12 AWG-350 kcmil	7.45	4.06	2.46	1.125
BIBS5003DB	3	10 AWG-500 kcmil	4.31	4.58	3.13	1.50
BIBS5004DB	4	10 AWG-500 kcmil	5.69	4.58	3.13	1.50
BIBS5005DB	5	10 AWG-500 kcmil	7.06	4.58	3.13	1.50
BIBS5006DB	6	10 AWG-500 kcmil	8.44	4.58	3.13	1.50

Recommended Torque Values for Direct Burial UNITAP™		Recommended BURNDY® Torque Wrench
Conductor Size	Recommended Torque Range	
#12 - #6 AWG	125 - 150 in-lbs	BTW30150
#4 - 3/0 AWG	180 - 240 in-lbs	BTW150750
4/0 - 350 AWG	275 - 450 in-lbs	BTW150750
400 - 1000 AWG	475 - 550 in-lbs	BTW150750



UNITAP™ Clear Insulated Multi-Tap Connectors for Code Conductor

UNITAP™

Clear Insulated Multiple Tap Connectors

Tap connections and in-line splice/reductions are made quickly and easily with the UNITAP™ line of clear insulated connectors for code conductor. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C. Featuring multiple configurations suitable for most any application.



Features & Benefits

- Clear Plastisol covered AL6061-T6 aluminum body saves time, lowering installation costs and eliminates taping
- Clear Plastisol allows visual confirmation that the conductor is properly inserted
- Oxide inhibitor pre-installed inhibits moisture and contaminants from entering the contact area
- Range-taking capability reduces number of connectors necessary to carry in inventory



In-Line Splice Reducer
Figure 1



Tap - Opposite Side
Entry
Figure 2



Tap - Same Side Entry
Figure 3



Multiple Port Tap
Single Sided Entry
Figure 4



Multiple Port Tap
Double Sided Entry
Figure 5



Multiple Port
Mounted Tap
Single Sided Entry
Figure 6



Multiple Port
Mounted Tap
Double Sided Entry
Figure 7

UNITAP™ Clear Insulated In-Line Splice/Reducer Connectors for Code Conductor

Clear Insulated In-Line Splice/Reducer Connectors



In-Line Splice Reducer
Figure 1

Type BISR in-line splice/reductions are made quickly and easily with the UNITAP™ line of clear insulated connectors for code conductor. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C. The full UNITAP™ line features multiple configurations suitable for most any application.

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number
					L	W	H		
14 AWG-2 AWG	115 A	2	In-Line Splice Reducer	1	2.38	0.75	1.22	5/32	BISR2
14 AWG-1/0 Str	150 A	2	In-Line Splice Reducer	1	2.91	0.91	1.38	3/16	BISR1/0
10 AWG-250 kcmil	250 A	2	In-Line Splice Reducer	1	4.01	1.19	2.13	5/16	BISR250
10 AWG-350 kcmil	310 A	2	In-Line Splice Reducer	1	4.63	1.34	2.35	5/16	BISR350
6 AWG-500 kcmil	380 A	2	In-Line Splice Reducer	1	5.00	1.62	2.62	3/8	BISR500

Only 1 conductor per port allowed

UNITAP™ Clear Insulated Multi-Tap Connectors for Code Conductor

Clear Insulated In-Line Multi-Tap Connectors



Tap - Opposite Side Entry
Figure 2



Tap - Same Side Entry
Figure 3

Type BIT and BITO (Offset) Multi-Tap connectors are installed quickly and easily and are suitable for use on code conductor. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C. The full UNITAP™ line features multiple configurations suitable for most any application.

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number
					L	W	H		
14 AWG-4 AWG	85 A	2	Tap - Opposite Side Entry	2	1.16	1.50	1.25	1/8	BITO4
14 AWG-4 AWG	85 A	2	Tap - Same Side Entry	3	1.16	1.16	1.25	1/8	BIT4
14 AWG-2/0 AWG	175 A	2	Tap - Opposite Side Entry	2	1.52	1.56	1.38	3/16	BITO2/0
14 AWG-2/0 AWG	175 A	2	Tap - Same Side Entry	3	1.52	1.40	1.38	3/16	BIT2/0
10 AWG-250 kcmil	255 A	2	Tap - Opposite Side Entry	2	2.03	2.64	2.13	5/16	BITO250
10 AWG-250 kcmil	255 A	2	Tap - Same Side Entry	3	2.03	2.07	2.13	5/16	BIT250
10 AWG-350 kcmil	310 A	2	Tap - Opposite Side Entry	2	2.22	3.00	2.50	5/16	BITO350
10 AWG-350 kcmil	310 A	2	Tap - Same Side Entry	3	2.22	2.32	2.50	5/16	BIT350
4 AWG-600 kcmil	420 A	2	Tap - Opposite Side Entry	2	2.72	3.00	2.75	3/8	BITO600
4 AWG-600 kcmil	420 A	2	Tap - Same Side Entry	3	2.72	2.38	2.75	3/8	BIT600
2 AWG-750 kcmil	475 A	2	Tap - Opposite Side Entry	2	2.87	3.38	3.00	3/8	BITO750 *
2 AWG-750 kcmil	475 A	2	Tap - Same Side Entry	3	2.87	2.70	3.00	3/8	BIT750 *

Only 1 conductor per port allowed

*Not UL Listed

UNITAP™ Clear Insulated Multi-Port Connectors for Code Conductor; Single-Sided Entry

Clear Insulated Multi-Port Connectors



Type BIBS Multi-Port, Single-Sided Tap connectors for quick, easy tap connections for code conductor. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C. Featuring multiple configurations suitable for most any application.

Multiple Port Tap Single Sided Entry
Figure 4

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number
					L	W	H		
14 AWG-4 AWG	85 A	3	Multiple Port Tap Single Sided Entry	4	1.51	1.25	1.25	1/8	BIBS43
14 AWG-4 AWG	85 A	4	Multiple Port Tap Single Sided Entry	4	1.95	1.25	1.25	1/8	BIBS44
14 AWG-4 AWG	85 A	5	Multiple Port Tap Single Sided Entry	4	2.39	1.25	1.25	1/8	BIBS45
14 AWG-4 AWG	85 A	6	Multiple Port Tap Single Sided Entry	4	2.83	1.25	1.25	1/8	BIBS46
14 AWG-4 AWG	85 A	8	Multiple Port Tap Single Sided Entry	4	3.71	1.25	1.25	1/8	BIBS48
14 AWG-1/0 Str	175 A	3	Multiple Port Tap Single Sided Entry	4	2.19	1.31	1.38	3/16	BIBS2/03
14 AWG-1/0 Str	175 A	4	Multiple Port Tap Single Sided Entry	4	2.86	1.31	1.38	3/16	BIBS2/04
14 AWG-1/0 Str	175 A	5	Multiple Port Tap Single Sided Entry	4	3.53	1.31	1.38	3/16	BIBS2/05
14 AWG-1/0 Str	175 A	6	Multiple Port Tap Single Sided Entry	4	4.20	1.31	1.38	3/16	BIBS2/06
14 AWG-1/0 Str	175 A	8	Multiple Port Tap Single Sided Entry	4	5.55	1.31	1.38	3/16	BIBS2/08
14 AWG-1/0 Str	175 A	10	Multiple Port Tap Single Sided Entry	4	6.89	1.31	1.38	3/16	BIBS2/010
14 AWG-1/0 Str	175 A	12	Multiple Port Tap Single Sided Entry	4	8.24	1.31	1.38	3/16	BIBS2/012
14 AWG-1/0 Str	175 A	14	Multiple Port Tap Single Sided Entry	4	9.58	1.31	1.38	3/16	BIBS2/014
10 AWG-250 kcmil	255 A	3	Multiple Port Tap Single Sided Entry	4	2.97	2.07	2.13	5/16	BIBS2503
10 AWG-250 kcmil	255 A	4	Multiple Port Tap Single Sided Entry	4	3.91	2.07	2.13	5/16	BIBS2504
10 AWG-250 kcmil	255 A	5	Multiple Port Tap Single Sided Entry	4	4.84	2.07	2.13	5/16	BIBS2505
10 AWG-250 kcmil	255 A	6	Multiple Port Tap Single Sided Entry	4	5.78	2.07	2.13	5/16	BIBS2506
10 AWG-250 kcmil	255 A	8	Multiple Port Tap Single Sided Entry	4	7.66	2.07	2.13	5/16	BIBS2508
10 AWG-250 kcmil	255 A	10	Multiple Port Tap Single Sided Entry	4	9.53	2.07	2.13	5/16	BIBS25010
10 AWG-250 kcmil	255 A	12	Multiple Port Tap Single Sided Entry	4	11.41	2.07	2.13	5/16	BIBS25012
10 AWG-250 kcmil	255 A	14	Multiple Port Tap Single Sided Entry	4	13.29	2.07	2.13	5/16	BIBS25014
10 AWG-350 kcmil	310 A	3	Multiple Port Tap Single Sided Entry	4	3.13	2.32	2.50	5/16	BIBS3503
10 AWG-350 kcmil	310 A	4	Multiple Port Tap Single Sided Entry	4	4.04	2.32	2.50	5/16	BIBS3504
10 AWG-350 kcmil	310 A	5	Multiple Port Tap Single Sided Entry	4	4.95	2.32	2.50	5/16	BIBS3505
10 AWG-350 kcmil	310 A	6	Multiple Port Tap Single Sided Entry	4	5.86	2.32	2.50	5/16	BIBS3506
10 AWG-350 kcmil	310 A	8	Multiple Port Tap Single Sided Entry	4	7.68	2.32	2.50	5/16	BIBS3508
10 AWG-350 kcmil	310 A	10	Multiple Port Tap Single Sided Entry	4	9.5	2.32	2.50	5/16	BIBS35010
10 AWG-350 kcmil	310 A	12	Multiple Port Tap Single Sided Entry	4	11.32	2.32	2.50	5/16	BIBS35012
10 AWG-350 kcmil	310 A	14	Multiple Port Tap Single Sided Entry	4	13.14	2.32	2.50	5/16	BIBS35014

UNITAP™ (Continued)

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number
					L	W	H		
4 AWG-600 kcmil	420 A	3	Multiple Port Tap Single Sided Entry	4	4.00	2.38	2.75	3/8	BIBS6003
4 AWG-600 kcmil	420 A	4	Multiple Port Tap Single Sided Entry	4	5.28	2.38	2.75	3/8	BIBS6004
4 AWG-600 kcmil	420 A	5	Multiple Port Tap Single Sided Entry	4	6.56	2.38	2.75	3/8	BIBS6005
4 AWG-600 kcmil	420 A	6	Multiple Port Tap Single Sided Entry	4	7.84	2.38	2.75	3/8	BIBS6006
4 AWG-600 kcmil	420 A	8	Multiple Port Tap Single Sided Entry	4	10.41	2.38	2.75	3/8	BIBS6008
4 AWG-600 kcmil	420 A	10	Multiple Port Tap Single Sided Entry	4	12.97	2.38	2.75	3/8	BIBS60010
4 AWG-600 kcmil	420 A	12	Multiple Port Tap Single Sided Entry	4	15.53	2.38	2.75	3/8	BIBS60012
4 AWG-600 kcmil	420 A	14	Multiple Port Tap Single Sided Entry	4	18.09	2.38	2.75	3/8	BIBS60014
2 AWG-750 kcmil	475 A	3	Multiple Port Tap Single Sided Entry	4	4.00	2.70	3.00	3/8	BIBS7503*
2 AWG-750 kcmil	475 A	4	Multiple Port Tap Single Sided Entry	4	5.38	2.70	3.00	3/8	BIBS7504*
2 AWG-750 kcmil	475 A	6	Multiple Port Tap Single Sided Entry	4	8.13	2.70	3.00	3/8	BIBS7506*
2 AWG-750 kcmil	475 A	8	Multiple Port Tap Single Sided Entry	4	10.88	2.70	3.00	3/8	BIBS7508*
2 AWG-750 kcmil	475 A	10	Multiple Port Tap Single Sided Entry	4	13.63	2.70	3.00	3/8	BIBS75010*
2 AWG-750 kcmil	475 A	12	Multiple Port Tap Single Sided Entry	4	16.38	2.70	3.00	3/8	BIBS75012*
2 AWG-750 kcmil	475 A	14	Multiple Port Tap Single Sided Entry	4	19.13	2.70	3.00	3/8	BIBS75014*

Only 1 conductor per port allowed
*Not UL Listed

UNITAP™ Clear Insulated Multi-Port Connectors for Code Conductor; Double-Sided Entry

Clear Insulated Multiple Tap Connectors



Type BIBD Multi-Port, Double-Sided Tap connectors for quick, easy tap connections for code conductor. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C. Featuring multiple configurations suitable for most any application.

Multiple Port Tap Double Sided Entry
Figure 5

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number
					L	W	H		
14 AWG-4 Str	85 A	2	Multiple Port Tap Double Sided Entry	5	1.08	1.50	1.25	1/8	BIBD42
14 AWG-4 Str	85 A	3	Multiple Port Tap Double Sided Entry	5	1.51	1.50	1.25	1/8	BIBD43
14 AWG-4 Str	85 A	4	Multiple Port Tap Double Sided Entry	5	1.95	1.50	1.25	1/8	BIBD44
14 AWG-4 Str	85 A	5	Multiple Port Tap Double Sided Entry	5	2.39	1.50	1.25	1/8	BIBD45
14 AWG-4 Str	85 A	6	Multiple Port Tap Double Sided Entry	5	2.83	1.50	1.25	1/8	BIBD46
14 AWG-4 Str	85 A	8	Multiple Port Tap Double Sided Entry	5	3.71	1.50	1.25	1/8	BIBD48
14 AWG-1/0 Str	175 A	2	Multiple Port Tap Double Sided Entry	5	1.52	1.56	1.38	3/16	BIBD2/02
14 AWG-1/0 Str	175 A	3	Multiple Port Tap Double Sided Entry	5	2.19	1.56	1.38	3/16	BIBD2/03
14 AWG-1/0 Str	175 A	4	Multiple Port Tap Double Sided Entry	5	2.86	1.56	1.38	3/16	BIBD2/04
14 AWG-1/0 Str	175 A	5	Multiple Port Tap Double Sided Entry	5	3.53	1.56	1.38	3/16	BIBD2/05
14 AWG-1/0 Str	175 A	6	Multiple Port Tap Double Sided Entry	5	4.20	1.56	1.38	3/16	BIBD2/06
14 AWG-1/0 Str	175 A	8	Multiple Port Tap Double Sided Entry	5	5.55	1.56	1.38	3/16	BIBD2/08
14 AWG-1/0 Str	175 A	10	Multiple Port Tap Double Sided Entry	5	6.89	1.56	1.38	3/16	BIBD2/010
14 AWG-1/0 Str	175 A	12	Multiple Port Tap Double Sided Entry	5	8.24	1.56	1.38	3/16	BIBD2/012
14 AWG-1/0 Str	175 A	14	Multiple Port Tap Double Sided Entry	5	9.58	1.56	1.38	3/16	BIBD2/014
10 AWG-250 kcmil	255 A	2	Multiple Port Tap Double Sided Entry	5	2.03	2.64	2.13	5/16	BIBD2502
10 AWG-250 kcmil	255 A	3	Multiple Port Tap Double Sided Entry	5	2.97	2.64	2.13	5/16	BIBD2503
10 AWG-250 kcmil	255 A	4	Multiple Port Tap Double Sided Entry	5	3.91	2.64	2.13	5/16	BIBD2504
10 AWG-250 kcmil	255 A	5	Multiple Port Tap Double Sided Entry	5	4.84	2.64	2.13	5/16	BIBD2505
10 AWG-250 kcmil	255 A	6	Multiple Port Tap Double Sided Entry	5	5.78	2.64	2.13	5/16	BIBD2506
10 AWG-250 kcmil	255 A	8	Multiple Port Tap Double Sided Entry	5	7.66	2.64	2.13	5/16	BIBD2508
10 AWG-250 kcmil	255 A	10	Multiple Port Tap Double Sided Entry	5	9.53	2.64	2.13	5/16	BIBD25010
10 AWG-250 kcmil	255 A	12	Multiple Port Tap Double Sided Entry	5	11.41	2.64	2.13	5/16	BIBD25012
10 AWG-250 kcmil	255 A	14	Multiple Port Tap Double Sided Entry	5	13.29	2.64	2.13	5/16	BIBD25014

UNITAP™ (Continued)

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number
					L	W	H		
10 AWG-350 kcmil	310 A	2	Multiple Port Tap Double Sided Entry	5	2.22	3.00	2.50	5/16	BIBD3502
10 AWG-350 kcmil	310 A	3	Multiple Port Tap Double Sided Entry	5	3.13	3.00	2.50	5/16	BIBD3503
10 AWG-350 kcmil	310 A	4	Multiple Port Tap Double Sided Entry	5	4.04	3.00	2.50	5/16	BIBD3504
10 AWG-350 kcmil	310 A	5	Multiple Port Tap Double Sided Entry	5	4.95	3.00	2.50	5/16	BIBD3505
10 AWG-350 kcmil	310 A	6	Multiple Port Tap Double Sided Entry	5	5.86	3.00	2.50	5/16	BIBD3506
10 AWG-350 kcmil	310 A	8	Multiple Port Tap Double Sided Entry	5	7.68	3.00	2.50	5/16	BIBD3508
10 AWG-350 kcmil	310 A	10	Multiple Port Tap Double Sided Entry	5	9.5	3.00	2.50	5/16	BIBD35010
10 AWG-350 kcmil	310 A	12	Multiple Port Tap Double Sided Entry	5	11.32	3.00	2.50	5/16	BIBD35012
10 AWG-350 kcmil	310 A	14	Multiple Port Tap Double Sided Entry	5	13.14	3.00	2.50	5/16	BIBD35014
4 AWG-600 kcmil	420 A	2	Multiple Port Tap Double Sided Entry	5	2.56	3.00	2.75	3/8	BIBD6002
4 AWG-600 kcmil	420 A	3	Multiple Port Tap Double Sided Entry	5	3.77	3.00	2.75	3/8	BIBD6003
4 AWG-600 kcmil	420 A	4	Multiple Port Tap Double Sided Entry	5	4.97	3.00	2.75	3/8	BIBD6004
4 AWG-600 kcmil	420 A	5	Multiple Port Tap Double Sided Entry	5	6.17	3.00	2.75	3/8	BIBD6005
4 AWG-600 kcmil	420 A	6	Multiple Port Tap Double Sided Entry	5	7.37	3.00	2.75	3/8	BIBD6006
4 AWG-600 kcmil	420 A	8	Multiple Port Tap Double Sided Entry	5	9.78	3.00	2.75	3/8	BIBD6008
4 AWG-600 kcmil	420 A	10	Multiple Port Tap Double Sided Entry	5	12.97	3.00	2.75	3/8	BIBD60010
4 AWG-600 kcmil	420 A	12	Multiple Port Tap Double Sided Entry	5	15.53	3.00	2.75	3/8	BIBD60012
4 AWG-600 kcmil	420 A	14	Multiple Port Tap Double Sided Entry	5	18.09	3.00	2.75	3/8	BIBD60014
2 AWG-750 kcmil	475 A	2	Multiple Port Tap Double Sided Entry	5	2.87	3.38	3.00	3/8	BIBD7502*
2 AWG-750 kcmil	475 A	3	Multiple Port Tap Double Sided Entry	5	4.25	3.38	3.00	3/8	BIBD7503*
2 AWG-750 kcmil	475 A	4	Multiple Port Tap Double Sided Entry	5	5.63	3.38	3.00	3/8	BIBD7504*
2 AWG-750 kcmil	475 A	6	Multiple Port Tap Double Sided Entry	5	8.37	3.38	3.00	3/8	BIBD7506*
2 AWG-750 kcmil	475 A	8	Multiple Port Tap Double Sided Entry	5	11.13	3.38	3.00	3/8	BIBD7508*
2 AWG-750 kcmil	475 A	10	Multiple Port Tap Double Sided Entry	5	13.87	3.38	3.00	3/8	BIBD75010*
2 AWG-750 kcmil	475 A	12	Multiple Port Tap Double Sided Entry	5	16.63	3.38	3.00	3/8	BIBD75012*
2 AWG-750 kcmil	475 A	14	Multiple Port Tap Double Sided Entry	5	19.37	3.38	3.00	3/8	BIBD75014*

Only 1 conductor per port allowed
*Not UL Listed

UNITAP™ Clear Insulated Multi-Port Connectors for Code Conductor; Mountable; Single-Sided Entry

Clear Insulated Multiple Tap Connectors

Type BIBS-MT Multi-Port, Single-Sided Tap connectors offer the same features as the standard Type BIBS UNITAP™ connectors except these -MT types are provided with two isolated mounting holes, one at each side of the connector for direct mounting to trough, gutter, or wireway. They will accommodate up to standard 1/4" hardware. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C.



Multiple Port Mounted Tap
Single Sided Entry
Figure 6



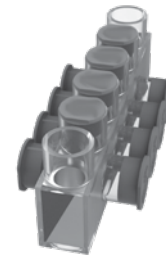
Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number
					L	W	H		
14 AWG-1/0 Str	175 A	4	Multiple Port Mountable Tap Single Sided Entry	6	4.20	1.25	1.50	3/16	BIBS2/04MT
14 AWG-1/0 Str	175 A	6	Multiple Port Mountable Tap Single Sided Entry	6	5.54	1.25	1.50	3/16	BIBS2/06MT
14 AWG-2/0 Str	175 A	8	Multiple Port Mountable Tap Single Sided Entry	6	6.89	1.25	1.50	3/16	BIBS2/08MT
14 AWG-2/0 Str	175 A	10	Multiple Port Mountable Tap Single Sided Entry	6	8.23	1.25	1.50	3/16	BIBS2/010MT
14 AWG-2/0 Str	175 A	12	Multiple Port Mountable Tap Single Sided Entry	6	9.58	1.25	1.50	3/16	BIBS2/012MT
10 AWG-250 kcmil	255 A	4	Multiple Port Mountable Tap Single Sided Entry	6	5.78	1.95	2.63	5/16	BIBS2504MT
10 AWG-250 kcmil	255 A	6	Multiple Port Mountable Tap Single Sided Entry	6	7.65	1.95	2.63	5/16	BIBS2506MT
10 AWG-250 kcmil	255 A	8	Multiple Port Mountable Tap Single Sided Entry	6	9.53	1.95	2.63	5/16	BIBS2508MT
10 AWG-250 kcmil	255 A	10	Multiple Port Mountable Tap Single Sided Entry	6	11.41	1.95	2.63	5/16	BIBS25010MT
10 AWG-250 kcmil	255 A	12	Multiple Port Mountable Tap Single Sided Entry	6	13.28	1.95	2.63	5/16	BIBS25012MT
10 AWG-350 kcmil	310 A	4	Multiple Port Mountable Tap Single Sided Entry	6	5.86	2.19	2.63	5/16	BIBS3504MT
10 AWG-350 kcmil	310 A	6	Multiple Port Mountable Tap Single Sided Entry	6	7.68	2.19	2.63	5/16	BIBS3506MT
10 AWG-350 kcmil	310 A	8	Multiple Port Mountable Tap Single Sided Entry	6	9.50	2.19	2.63	5/16	BIBS3508MT
10 AWG-350 kcmil	310 A	10	Multiple Port Mountable Tap Single Sided Entry	6	11.32	2.19	2.63	5/16	BIBS35010MT
10 AWG-350 kcmil	310 A	12	Multiple Port Mountable Tap Single Sided Entry	6	13.41	2.19	2.63	5/16	BIBS35012MT
4 AWG-600 kcmil	420 A	4	Multiple Port Mountable Tap Single Sided Entry	6	7.84	2.25	2.88	3/8	BIBS6004MT
4 AWG-600 kcmil	420 A	6	Multiple Port Mountable Tap Single Sided Entry	6	10.41	2.25	2.88	3/8	BIBS6006MT
4 AWG-600 kcmil	420 A	8	Multiple Port Mountable Tap Single Sided Entry	6	12.97	2.25	2.88	3/8	BIBS6008MT
4 AWG-600 kcmil	420 A	10	Multiple Port Mountable Tap Single Sided Entry	6	15.53	2.25	2.88	3/8	BIBS60010MT
4 AWG-600 kcmil	420 A	12	Multiple Port Mountable Tap Single Sided Entry	6	18.09	2.25	2.88	3/8	BIBS60012MT

Only 1 conductor per port allowed

UNITAP™ Clear Insulated Multi-Tap Connectors for Code Conductor; Mountable; Double-Sided Entry

Clear Insulated Multiple Tap Connectors

Type BIBD-MT Multi-Port, Double-Sided Tap connectors offer the same features as the standard Type BIBD UNITAP™ connectors except these -MT types are provided with two isolated mounting holes, one at each side of the connector for direct mounting to trough, gutter, or wireway. They will accommodate up to standard 1/4" hardware. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C.



Multiple Port Mounted Tap
Double Sided Entry
Figure 7



Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number
					L	W	H		
14 AWG-2/0 AWG	175 A	4	Multiple Port Mountable Tap Double Sided Entry	7	4.20	1.56	1.50	3/16	BIBD2/04MT
14 AWG-2/0 AWG	175 A	6	Multiple Port Mountable Tap Double Sided Entry	7	5.54	1.56	1.50	3/16	BIBD2/06MT
14 AWG-2/0 AWG	175 A	8	Multiple Port Mountable Tap Double Sided Entry	7	6.89	1.56	1.50	3/16	BIBD2/08MT
14 AWG-2/0 AWG	175 A	10	Multiple Port Mountable Tap Double Sided Entry	7	8.23	1.56	1.50	3/16	BIBD2/010MT
14 AWG-2/0 AWG	175 A	12	Multiple Port Mountable Tap Double Sided Entry	7	9.58	1.56	1.50	3/16	BIBD2/012MT
10 AWG-250 kcmil	255 A	4	Multiple Port Mountable Tap Double Sided Entry	7	5.78	2.64	2.26	5/16	BIBD2504MT
10 AWG-250 kcmil	255 A	6	Multiple Port Mountable Tap Double Sided Entry	7	7.65	2.64	2.26	5/16	BIBD2506MT
10 AWG-250 kcmil	255 A	8	Multiple Port Mountable Tap Double Sided Entry	7	9.53	2.64	2.26	5/16	BIBD2508MT
10 AWG-250 kcmil	255 A	10	Multiple Port Mountable Tap Double Sided Entry	7	11.41	2.64	2.26	5/16	BIBD25010MT
10 AWG-250 kcmil	255 A	12	Multiple Port Mountable Tap Double Sided Entry	7	13.28	2.64	2.26	5/16	BIBD25012MT
10 AWG-350 kcmil	310 A	4	Multiple Port Mountable Tap Double Sided Entry	7	5.86	3.00	2.63	5/16	BIBD3504MT
10 AWG-350 kcmil	310 A	6	Multiple Port Mountable Tap Double Sided Entry	7	7.68	3.00	2.63	5/16	BIBD3506MT
10 AWG-350 kcmil	310 A	8	Multiple Port Mountable Tap Double Sided Entry	7	9.5	3.00	2.63	5/16	BIBD3508MT
10 AWG-350 kcmil	310 A	10	Multiple Port Mountable Tap Double Sided Entry	7	11.32	3.00	2.63	5/16	BIBD35010MT
10 AWG-350 kcmil	310 A	12	Multiple Port Mountable Tap Double Sided Entry	7	13.41	3.00	2.63	5/16	BIBD35012MT
4 AWG-600 kcmil	420 A	4	Multiple Port Mountable Tap Double Sided Entry	7	7.84	3	2.88	3/8	BIBD6004MT
4 AWG-600 kcmil	420 A	6	Multiple Port Mountable Tap Double Sided Entry	7	10.41	3	2.88	3/8	BIBD6006MT
4 AWG-600 kcmil	420 A	8	Multiple Port Mountable Tap Double Sided Entry	7	12.97	3	2.88	3/8	BIBD6008MT
4 AWG-600 kcmil	420 A	10	Multiple Port Mountable Tap Double Sided Entry	7	15.53	3	2.88	3/8	BIBD60010MT
4 AWG-600 kcmil	420 A	12	Multiple Port Mountable Tap Double Sided Entry	7	18.09	3	2.88	3/8	BIBD60012MT

Only 1 conductor per port allowed

UNITAP™ Clear Insulated Multi-Tap Connectors for Code and Flex Conductors



UL Listed 486A-486B

UNITAP™ Clear Insulated Multi-Tap is UL Listed to the UL Wire Connector Standard UL486A-486B and CSA Certified for use with flexible (fine stranded) conductor - with no ferrules required! Featuring color coordinated conductor port and screw port caps making it easy to identify the maximum conductor size accommodated by the connector.

A disc-pad screw has also been incorporated to prevent damage to the fine strands as the conductor is compressed during installation. The connectors are shipped with the 'pad' attached to the screw by a thin stem; during installation the pad is sheared from the stem as it makes contact with the conductor and remains stationary as the screw continues to rotate until the recommended installation torque is achieved.

The color coordinated conductor port caps display the wire range and classes of conductor accepted by the specific connector. The screw port caps show the installation torque information for quick and easy reference during installation. (Excluding the Heavy Duty 750 Series.)

The Heavy Duty 750 Series features two screws per conductor. Conductors cannot be installed from opposite sides of the same port using only one screw per conductor.



Features & Benefits

- 600 Volt Rated
- Fully Insulated Aluminum 6061-T6 connector body saves time and lowers installation costs by eliminating the need for taping
- Listed to UL486A-B (File E9498)
- CSA Certified to C22.2, No. 65 (File 042860_c_00)
- Rated for use with flex conductor (No Ferrules Required!)
- AL9CU dual rated for use with copper and aluminum conductors
- Range taking designs will accommodate wire sizes from #14-750 kcmil Class B & C, and #14-777 DLO Flex
- Configurations include Taps, In-Line Splice Reducers, Single-Sided Entry, and Double-Sided Entry with the number of ports from 2 to 14
- Clear Plastisol Insulation allows visual confirmation that conductor is properly inserted into port
- Operating temperature from -40°C to 135°C
- Conductor ports are pre-filled with oxide inhibitor
- Screw Port and Conductor Port caps provided to protect against contamination and accidental contact of energized parts
- Caps are color coordinated to quickly identify maximum conductor size accommodated
- Screw Port caps contain recommended installation torque values for quick and easy reference
- Conductor Port caps contain the accommodated wire range and allowable conductor classes



Figure 1

In-Line Splice Reducer (BISR1/0FX)



Figure 2

Tap - Opposite Side Entry (BITO2/0FX)



Figure 4

Multiple Port Tap Single Sided Entry (BIBS2/03FX)



Figure 6

Multiple Port Mounted Tap Single Sided Entry (BIBS2504FXMT)



Figure 3

Tap - Same Side Entry (BIT4FX)



Figure 5

Multiple Port Tap Double Sided Entry (BIBD2503FX)



Figure 7

Multiple Port Mounted Tap Double Sided Entry (BIBD6004FXMT)

UNITAP™ Clear Insulated In-Line Splice/Reducer
 Connectors for Code and Flex Conductor

Clear Insulated In-Line Splice/Reducer Connectors



In-Line Splice Reducer
 Figure 1
 (BISR1/0FX)

Type BISR-FX in-line splice/reductions are made quickly and easily with the UNITAP™ line of clear insulated connectors for code and flex conductor. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C. The UNITAP™ line for code and flex conductor features color-coordinated conductor port caps that display the wire range and classes of conductor accepted by the specific connector. The screw port caps show the installation torque information for quick and easy reference during installation.

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number	Cap Color
					Length	Width	Height			
#14-#2 Class B & C #14-#2 Class G,H,I,K, DLO	130 A	2	In-Line Splice Reducer	1	2.38	0.75	1.22	5/32	BISR2FX	Brown
#14-1/0 Class B & C #14-#1 Class G,H,I,K, DLO	170 A	2	In-Line Splice Reducer	1	2.91	0.75	1.22	3/16	BISR1/0FX	Pink
#10-250 Class B & C #10-3/0 Class G,H,I,K, DLO	290 A	2	In-Line Splice Reducer	1	4.01	1.19	2.10	5/16	BISR250FX	Yellow
#10-350 Class B & C #10-250 Class G,H,I,K, DLO	350 A	2	In-Line Splice Reducer	1	4.63	1.34	2.35	5/16	BISR350FX	Red
#6-500 Class B & C #6-373 Class G,H,I,K, DLO	430 A	2	In-Line Splice Reducer	1	5.00	1.62	2.62	3/8	BISR500FX	Brown
* 1/0-750 Class B & C 1/0-777 Class G,H,I,K, DLO	475 A	2	In-Line Splice Reducer	1	5.89	2.00	3.88	5/16	BISR750HDFX	Red

* Heavy Duty Series: two screws per conductor; conductors **cannot** be installed from opposite sides of the same port using only one screw per conductor.

UNITAP™ Clear Insulated Multi-Tap Connectors for Code Conductor

Clear Insulated In-Line Multi-Tap Connectors

Type BIT-FX and BITO-FX (Offset) Multi-Tap connectors are installed quickly and easily and are suitable for use on flex and code conductor. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C.



Tap - Opposite Side Entry
Figure 2
(BITO2/0FX)



Tap - Same Side Entry
Figure 3
(BIT4FX)

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number	Cap Color
					Length	Width	Height			
#14-#4 Class B & C #14-#6 Class G,H,I,K, DLO	95 A	2	Tap - Opposite Side Entry	2	1.08	1.50	1.25	1/8	BITO4FX	Brown
			Tap - Same Side Entry	3	1.08	1.16	1.25	1/8	BIT4FX	
#14-2/0 Class B & C #14-#1 Class G,H,I,K, DLO	195 A	2	Tap - Opposite Side Entry	2	1.52	1.56	1.38	3/16	BITO2/0FX	Black
			Tap - Same Side Entry	3	1.52	1.40	1.38	3/16	BIT2/0FX	
#10-250 Class B & C #10-3/0 Class G,H,I,K, DLO	290 A	2	Tap - Opposite Side Entry	2	2.03	2.64	2.13	5/16	BITO250FX	Yellow
			Tap - Same Side Entry	3	2.03	2.07	2.13	5/16	BIT250FX	
#10-350 Class B & C #10-250 Class G,H,I,K, DLO	350 A	2	Tap - Opposite Side Entry	2	2.22	3.00	2.50	5/16	BITO350FX	Red
			Tap - Same Side Entry	3	2.22	2.32	2.50	5/16	BIT350FX	
#4-600 Class B & C #4-373 Class G,H,I,K, DLO	475 A	2	Tap - Opposite Side Entry	2	2.72	3.00	2.75	3/8	BITO600FX	Green
			Tap - Same Side Entry	3	2.72	2.38	2.75	3/8	BIT600FX	
* 1/0-750 Class B & C 1/0-777 Class G,H,I,K, DLO	475 A	2	Tap - Opposite Side Entry	2	3.75	3.25	3.88	5/16	BITO750HDFX	Red
			Tap - Same Side Entry	3	3.75	3.25	3.88	5/16	BIT750HDFX	

* Heavy Duty Series: two screws per conductor; conductors **cannot** be installed from opposite sides of the same port using only one screw per conductor.

UNITAP™ Clear Insulated Multi-Port Connectors
for Code and Flex Conductor; Single-Sided Entry

Clear Insulated Multi-Port Connectors

Type BIBS-FX Multi-Port, Single-Sided Tap connectors for quick, easy tap connections for code and flex conductor. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C. The UNITAP™ line for code and flex conductor features color-coordinated conductor port caps that display the wire range and classes of conductor accepted by the specific connector. The screw port caps show the installation torque information for quick and easy reference during installation.



Multiple Port Tap Single Sided Entry
Figure 4
(BIBS2/03FX)

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number	Cap Color
					Length	Width	Height			
#14-#4 Class B & C #14-#6 Class G,H,I,K, DLO	95 A	3	Single Sided Entry	4	1.51	1.16	1.25	1/8	BIBS43FX	Brown
		4	Single Sided Entry	4	1.95	1.16	1.25	1/8	BIBS44FX	
		5	Single Sided Entry	4	2.39	1.16	1.25	1/8	BIBS45FX	
		6	Single Sided Entry	4	2.83	1.16	1.25	1/8	BIBS46FX	
		8	Single Sided Entry	4	3.71	1.16	1.25	1/8	BIBS48FX	
#14-2/0 Class B & C #14-#1 Class G,H,I,K, DLO	195 A	3	Single Sided Entry	4	2.19	1.31	1.38	3/16	BIBS2/03FX	Black
		4	Single Sided Entry	4	2.86	1.31	1.38	3/16	BIBS2/04FX	
		5	Single Sided Entry	4	3.53	1.31	1.38	3/16	BIBS2/05FX	
		6	Single Sided Entry	4	4.20	1.31	1.38	3/16	BIBS2/06FX	
		8	Single Sided Entry	4	5.55	1.31	1.38	3/16	BIBS2/08FX	
		10	Single Sided Entry	4	6.89	1.31	1.38	3/16	BIBS2/010FX	
		12	Single Sided Entry	4	8.24	1.31	1.38	3/16	BIBS2/012FX	
#10-250 Class B & C #10-3/0 Class G,H,I,K, DLO	290 A	3	Single Sided Entry	4	2.97	2.07	2.13	5/16	BIBS2503FX	Yellow
		4	Single Sided Entry	4	3.91	2.07	2.13	5/16	BIBS2504FX	
		5	Single Sided Entry	4	4.84	2.07	2.13	5/16	BIBS2505FX	
		6	Single Sided Entry	4	5.78	2.07	2.13	5/16	BIBS2506FX	
		8	Single Sided Entry	4	7.66	2.07	2.13	5/16	BIBS2508FX	
		10	Single Sided Entry	4	9.53	2.07	2.13	5/16	BIBS25010FX	
		12	Single Sided Entry	4	11.41	2.07	2.13	5/16	BIBS25012FX	
#10-350 Class B & C #10-250 Class G,H,I,K, DLO	350 A	3	Single Sided Entry	4	3.13	2.32	2.50	5/16	BIBS3503FX	Red
		4	Single Sided Entry	4	4.04	2.32	2.50	5/16	BIBS3504FX	
		5	Single Sided Entry	4	4.95	2.32	2.50	5/16	BIBS3505FX	
		6	Single Sided Entry	4	5.86	2.32	2.50	5/16	BIBS3506FX	
		8	Single Sided Entry	4	7.68	2.32	2.50	5/16	BIBS3508FX	
		10	Single Sided Entry	4	9.50	2.32	2.50	5/16	BIBS35010FX	
		12	Single Sided Entry	4	11.32	2.32	2.50	5/16	BIBS35012FX	
		14	Single Sided Entry	4	13.14	2.32	2.50	5/16	BIBS35014FX	

UNITAP™ (Continued)

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number	Cap Color
					Length	Width	Height			
#4-600 Class B & C #4-373 Class G,H,I,K, DLO	475 A	3	Single Sided Entry	4	4.00	2.38	2.75	3/8	BIBS6003FX	Green
		4	Single Sided Entry	4	5.28	2.38	2.75	3/8	BIBS6004FX	
		5	Single Sided Entry	4	6.56	2.38	2.75	3/8	BIBS6005FX	
		6	Single Sided Entry	4	7.84	2.38	2.75	3/8	BIBS6006FX	
		8	Single Sided Entry	4	10.41	2.38	2.75	3/8	BIBS6008FX	
		10	Single Sided Entry	4	12.97	2.38	2.75	3/8	BIBS60010FX	
		12	Single Sided Entry	4	15.53	2.38	2.75	3/8	BIBS60012FX	
		14	Single Sided Entry	4	18.09	2.38	2.75	3/8	BIBS60014FX	
* 1/0-750 Class B & C 1/0-777 Class G,H,I,K, DLO	475 A	3	Single Sided Entry	4	5.50	3.25	3.88	5/16	BIBS7503HDFX	Red
		4	Single Sided Entry	4	7.25	3.25	3.88	5/16	BIBS7504HDFX	
		6	Single Sided Entry	4	10.75	3.25	3.88	5/16	BIBS7506HDFX	
		8	Single Sided Entry	4	14.25	3.25	3.88	5/16	BIBS7508HDFX	
		10	Single Sided Entry	4	17.75	3.25	3.88	5/16	BIBS75010HDFX	
		12	Single Sided Entry	4	21.25	3.25	3.88	5/16	BIBS75012HDFX	
		14	Single Sided Entry	4	24.75	3.25	3.88	5/16	BIBS75014HDFX	

* Heavy Duty Series: two screws per conductor; conductors **cannot** be installed from opposite sides of the same port using only one screw per conductor.

UNITAP™ Clear Insulated Multi-Port Connectors for Code and Flex Conductor; Double-Sided Entry

Clear Insulated Multi-Port Connectors

Type BIBD-FX Multi-Port, Double-Sided Tap connectors for quick, easy tap connections for code and flex conductor. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C. The UNITAP™ line for code and flex conductor features color-coordinated conductor port caps that display the wire range and classes of conductor accepted by the specific connector. The screw port caps show the installation torque information for quick and easy reference during installation.



Multiple Port Tap Double Sided Entry
Figure 5
(BIBD2503FX)

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number	Cap Color
					Length	Width	Height			
#14-#4 Class B & C #14-#6 Class G,H,I,K, DLO	95 A	2	Double Sided Entry	5	1.08	1.50	1.25	1/8	BIBD42FX	Brown
		3	Double Sided Entry	5	1.51	1.50	1.25	1/8	BIBD43FX	
		4	Double Sided Entry	5	1.95	1.50	1.25	1/8	BIBD44FX	
		5	Double Sided Entry	5	2.39	1.50	1.25	1/8	BIBD45FX	
		6	Double Sided Entry	5	2.83	1.50	1.25	1/8	BIBD46FX	
		8	Double Sided Entry	5	3.71	1.50	1.25	1/8	BIBD48FX	
#10-250 Class B & C #10-3/0 Class G,H,I,K, DLO	290 A	2	Double Sided Entry	5	2.03	2.64	2.13	5/16	BIBD2502FX	Yellow
		3	Double Sided Entry	5	2.97	2.64	2.13	5/16	BIBD2503FX	
		4	Double Sided Entry	5	3.91	2.64	2.13	5/16	BIBD2504FX	
		5	Double Sided Entry	5	4.84	2.64	2.13	5/16	BIBD2505FX	
		6	Double Sided Entry	5	5.78	2.64	2.13	5/16	BIBD2506FX	
		8	Double Sided Entry	5	7.66	2.64	2.13	5/16	BIBD2508FX	
		10	Double Sided Entry	5	9.53	2.64	2.13	5/16	BIBD25010FX	
		12	Double Sided Entry	5	11.41	2.64	2.13	5/16	BIBD25012FX	
#10-350 Class B & C #10-250 Class G,H,I,K, DLO	350 A	2	Double Sided Entry	5	3.13	3.00	2.50	5/16	BIBD3502FX	Red
		3	Double Sided Entry	5	4.04	3.00	2.50	5/16	BIBD3503FX	
		4	Double Sided Entry	5	4.95	3.00	2.50	5/16	BIBD3504FX	
		5	Double Sided Entry	5	5.86	3.00	2.50	5/16	BIBD3505FX	
		6	Double Sided Entry	5	7.68	3.00	2.50	5/16	BIBD3506FX	
		8	Double Sided Entry	5	9.50	3.00	2.50	5/16	BIBD3508FX	
		10	Double Sided Entry	5	11.32	3.00	2.50	5/16	BIBD35010FX	
		12	Double Sided Entry	5	13.14	3.00	2.50	5/16	BIBD35012FX	

UNITAP™ (Continued)

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number	Cap Color
					Length	Width	Height			
#4-600 Class B & C #4-373 Class G,H,I,K, DLO	475 A	2	Double Sided Entry	5	2.72	3.00	2.75	3/8	BIBD6002FX	Green
		3	Double Sided Entry	5	4.00	3.00	2.75	3/8	BIBD6003FX	
		4	Double Sided Entry	5	5.28	3.00	2.75	3/8	BIBD6004FX	
		5	Double Sided Entry	5	6.56	3.00	2.75	3/8	BIBD6005FX	
		6	Double Sided Entry	5	7.84	3.00	2.75	3/8	BIBD6006FX	
		8	Double Sided Entry	5	10.41	3.00	2.75	3/8	BIBD6008FX	
		10	Double Sided Entry	5	12.97	3.00	2.75	3/8	BIBD60010FX	
		12	Double Sided Entry	5	15.53	3.00	2.75	3/8	BIBD60012FX	
		14	Double Sided Entry	5	18.09	3.00	2.75	3/8	BIBD60014FX	
* 1/0-750 Class B & C 1/0-777 Class G,H,I,K, DLO	475 A	2	Double Sided Entry	5	3.75	3.25	3.88	5/16	BIBD7502HDFX	Red
		3	Double Sided Entry	5	5.50	3.25	3.88	5/16	BIBD7503HDFX	
		4	Double Sided Entry	5	7.25	3.25	3.88	5/16	BIBD7504HDFX	
		6	Double Sided Entry	5	10.75	3.25	3.88	5/16	BIBD7506HDFX	
		8	Double Sided Entry	5	14.25	3.25	3.88	5/16	BIBD7508HDFX	
		10	Double Sided Entry	5	17.75	3.25	3.88	5/16	BIBD75010HDFX	
		12	Double Sided Entry	5	21.25	3.25	3.88	5/16	BIBD75012HDFX	
		14	Double Sided Entry	5	24.75	3.25	3.88	5/16	BIBD75014HDFX	

* Heavy Duty Series: two screws per conductor; conductors **cannot** be installed from opposite sides of the same port using only one screw per conductor.

**UNITAP™ Clear Insulated Multi-Port Connectors
for Code and Flex Conductor;
Mountable; Single-Sided Entry**

Clear Insulated Multiple Tap Connectors



Multiple Port Mounted Tap
Single Sided Entry
Figure 6
(BIBS2504FXMT)

Type BIBS-FXMT Multi-Port, Single-Sided Tap connectors offer the same features as the standard Type BIBS-FX UNITAP™ connectors except these -FXMT types are provided with two isolated mounting holes, one at each side of the connector for direct mounting to trough, gutter, or wireway. They will accommodate up to standard 1/4" hardware. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C.

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number	Cap Color	
					Length	Width	Height				
#14-2/0 Class B & C #14-#1 Class G,H,I,K, DLO	195 A	4	Mountable Single Sided Entry	6	4.20	1.25	1.50	3/16	BIBS2/04FXMT	Black	
		6	Mountable Single Sided Entry	6	5.55	1.25	1.50	3/16			BIBS2/06FXMT
		8	Mountable Single Sided Entry	6	6.89	1.25	1.50	3/16			BIBS2/08FXMT
		10	Mountable Single Sided Entry	6	8.24	1.25	1.50	3/16			BIBS2/010FXMT
		12	Mountable Single Sided Entry	6	9.58	1.25	1.50	3/16			BIBS2/012FXMT
#10-250 Class B & C #10-3/0 Class G,H,I,K, DLO	290 A	4	Mountable Single Sided Entry	6	5.78	1.95	2.63	5/16	BIBS2504FXMT	Yellow	
		6	Mountable Single Sided Entry	6	7.65	1.95	2.63	5/16			BIBS2506FXMT
		8	Mountable Single Sided Entry	6	9.53	1.95	2.63	5/16			BIBS2508FXMT
		10	Mountable Single Sided Entry	6	11.41	1.95	2.63	5/16			BIBS25010FXMT
		12	Mountable Single Sided Entry	6	13.29	1.95	2.63	5/16			BIBS25012FXMT
#10-350 Class B & C #10-250 Class G,H,I,K, DLO	350 A	4	Mountable Single Sided Entry	6	5.86	2.32	2.63	5/16	BIBS3504FXMT	Red	
		6	Mountable Single Sided Entry	6	7.68	2.32	2.63	5/16			BIBS3506FXMT
		8	Mountable Single Sided Entry	6	9.50	2.32	2.63	5/16			BIBS3508FXMT
		10	Mountable Single Sided Entry	6	11.32	2.32	2.63	5/16			BIBS35010FXMT
		12	Mountable Single Sided Entry	6	13.14	2.32	2.63	5/16			BIBS35012FXMT
#4-600 Class B & C #4-373 Class G,H,I,K, DLO	475 A	4	Mountable Single Sided Entry	6	5.53	2.25	2.88	3/8	BIBS6004FXMT	Green	
		6	Mountable Single Sided Entry	6	7.40	2.25	2.88	3/8			BIBS6006FXMT
		8	Mountable Single Sided Entry	6	9.28	2.25	2.88	3/8			BIBS6008FXMT
		12	Mountable Single Sided Entry	6	13.03	2.25	2.88	3/8			BIBS60012FXMT

UNITAP™ Clear Insulated Multi-Port Connectors for Code and Flex Conductor; Mountable; Double-Sided Entry

Clear Insulated Multiple Tap Connectors



Multiple Port Mounted Tap
Double Sided Entry
Figure 7
(BIBD6004FXMT)

Type BIBD-FXMT Multi-Port, Double-Sided Tap connectors offer the same features as the standard Type BIBD-FX UNITAP™ connectors except these -FXMT types are provided with two isolated mounting holes, one at each side of the connector for direct mounting to trough, gutter, or wireway. They will accommodate up to standard 1/4" hardware. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C.

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number	Cap Color
					Length	Width	Height			
#14-2/0 Class B & C #14-#1 Class G,H,I,K, DLO	195 A	4	Mountable Double Sided Entry	7	4.20	1.56	1.50	3/16	BIBD2/04FXMT	Black
		8	Mountable Double Sided Entry	7	6.89	1.56	1.50	3/16	BIBD2/08FXMT	
		10	Mountable Double Sided Entry	7	8.24	1.56	1.50	3/16	BIBD2/010FXMT	
		12	Mountable Double Sided Entry	7	9.58	1.56	1.50	3/16	BIBD2/012FXMT	
#10-250 Class B & C #10-3/0 Class G,H,I,K, DLO	290 A	4	Mountable Double Sided Entry	7	5.78	2.64	2.63	5/16	BIBD2504FXMT	Yellow
		6	Mountable Double Sided Entry	7	7.65	2.64	2.63	5/16	BIBSD506FXMT	
		8	Mountable Double Sided Entry	7	9.53	2.64	2.63	5/16	BIBD2508FXMT	
		10	Mountable Double Sided Entry	7	11.41	2.64	2.63	5/16	BIBD25010FXMT	
		12	Mountable Double Sided Entry	7	13.29	2.64	2.63	5/16	BIBD25012FXMT	
#10-350 Class B & C #10-250 Class G,H,I,K, DLO	350 A	4	Mountable Double Sided Entry	7	5.86	3.00	2.63	5/16	BIBD3504FXMT	Red
		6	Mountable Double Sided Entry	7	7.68	3.00	2.63	5/16	BIBD3506FXMT	
		8	Mountable Double Sided Entry	7	9.50	3.00	2.63	5/16	BIBD3508FXMT	
		10	Mountable Double Sided Entry	7	11.32	3.00	2.63	5/16	BIBD35010FXMT	
		12	Mountable Double Sided Entry	7	13.14	3.00	2.63	5/16	BIBD35012FXMT	
#4-600 Class B & C #4-373 Class G,H,I,K, DLO	475 A	4	Mountable Double Sided Entry	7	5.53	3.00	2.88	3/8	BIBD6004FXMT	Green
		6	Mountable Double Sided Entry	7	7.40	3.00	2.88	3/8	BIBD6006FXMT	
		8	Mountable Double Sided Entry	7	9.28	3.00	2.88	3/8	BIBD6008FXMT	
		10	Mountable Double Sided Entry	7	11.16	3.00	2.88	3/8	BIBD60010FXMT	
		12	Mountable Double Sided Entry	7	13.03	3.00	2.88	3/8	BIBD60012FXMT	

UV Rated Black UNITAP™

UNITAP™



UV Rated Black Insulated Multiple Tap Connectors and Splice Reducers

Tap connections are made quickly and easily with the UNITAP™ line of connectors. UL486A-B Listed. Dual-rated for any stranded copper or stranded aluminum applications. UL Listed 600 Volts, -40° C to 135° C Operating Temperature.

Features & Benefits

- UV Rated covering over AL6061-T6 aluminum body saves time, lowering installation costs and eliminates taping
- Oxide inhibitor pre-installed inhibits moisture and contaminants from entering the contact area
- Range-taking capability reduces the number of connectors necessary to carry in inventory
- AL486B Listed, AL9CU, 600 Volts, 90°C
- Operating temperature -40°C to 135°C



Figure 1

In-Line Splice Reducer
(1PBS1/0)



Figure 4

Multiple Port Tap
Single Sided Entry
(1PL2503)



Figure 2

Tap - Opposite Side
Entry
(1PLO2502)



Figure 5

Multiple Port Tap
Double Sided Entry
(1PLD2504)



Figure 3

Tap - Same Side Entry
(1PL42)



Figure 6

Multiple Port Tap
Double Sided Entry
Heavy Duty 750 Series
(1PLD7504HD)

Wire Range (AWG/kcmil) CLASS B & C ONLY	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number	Installation Torque (in-lbs)
				Length	Width	Height			
14 AWG-2 AWG	2	In-Line Splice Reducer	1	2.38	0.75	1.22	5/32	1PBS2	45
14 AWG-1/0 AWG				2.91	0.91	1.38	3/16	1PBS1/0	120
10 AWG-250 kcmil				4.01	1.19	2.10	5/16	1PBS250	275
10 AWG-350 kcmil				4.63	1.34	2.35	5/16	1PBS350	275
6 AWG-500 kcmil				5.00	1.62	2.62	3/8	1PBS500	375
* #2 AWG - 750 kcmil				10.53	1.88	3.01	3/8"	1PBS750HD	500
14 AWG-4 AWG	2	Tap - Opposite Side Entry	2	1.08	1.50	1.25	1/8	1PLO42	45
14 AWG-2/0 AWG				1.52	1.56	1.38	3/16	1PLO2/02	120
10 AWG-250 kcmil				2.03	2.64	2.13	5/16	1PLO2502	275
10 AWG-350 kcmil				2.22	3.00	2.5	5/16	1PLO3502	275
4 AWG-600 kcmil				2.72	3.00	2.75	3/8	1PLO6002	375
14 AWG-4 AWG	2	Tap - Same Side Entry	3	1.08	1.16	1.25	1/8	1PL42	45
14 AWG-2/0 AWG				1.52	1.40	1.38	3/16	1PL2/02	120
10 AWG-250 kcmil				2.03	2.07	2.13	5/16	1PL2502	275
10 AWG-350 kcmil				2.22	2.32	2.5	5/16	1PL3502	275
4 AWG-600 kcmil				2.72	2.38	2.75	3/8	1PL6002	375
14 AWG-4 AWG	3	Single Sided Entry	4	1.51	1.25	1.25	1/8	1PL43	45
14 AWG-2/0 AWG	4			1.95	1.25	1.25	1/8	1PL44	
14 AWG-2/0 AWG	3			2.19	1.31	1.38	3/16	1PL2/03	120
10 AWG-250 kcmil	3			2.97	2.07	2.13	5/16	1PL2503	275

* Heavy Duty Series: two screws per conductor; conductors **cannot** be installed from opposite sides of the same port using only one screw per conductor.

UV Rated Black UNITAP™ (Continued)

Wire Range (AWG/kcmil) CLASS B & C ONLY	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number	Installation Torque (in-lbs)
				Length	Width	Height			
14 AWG-4 AWG	3	Double Sided Entry	5	1.51	1.50	1.25	1/8	1PLD43	45
	4			1.95	1.50	1.25	1/8	1PLD44	
14 AWG-2/0 AWG	2			1.52	1.56	1.38	3/16	1PLD2/02	120
	3			2.19	1.56	1.38	3/16	1PLD2/03	
	4			2.86	1.56	1.38	3/16	1PLD2/04	
	6			4.2	1.56	1.38	3/16	1PLD2/06	
10 AWG-250 kcmil	2			2.03	2.64	2.13	5/16	1PLD2502	275
	3			2.97	2.64	2.13	5/16	1PLD2503	
	4			3.91	2.64	2.13	5/16	1PLD2504	
	6			5.78	2.64	2.13	5/16	1PLD2506	
10 AWG-350 kcmil	2			2.22	3.00	2.5	5/16	1PLD3502	275
	3			3.13	3.00	2.5	5/16	1PLD3503	
	4			4.04	3.00	2.5	5/16	1PLD3504	
	6			5.86	3.00	2.5	5/16	1PLD3506	
	8			7.68	3.00	2.5	5/16	1PLD3508	
	8			7.68	3.00	2.5	5/16	1PLD3508	
4 AWG-600 kcmil	2			2.72	3.00	2.75	3/8	1PLD6002	375
	3			4.00	3.00	2.75	3/8	1PLD6003	
	4	5.28	3.00	2.75	3/8	1PLD6004			
	5	6.56	3.00	2.75	3/8	1PLD6005			
	6	7.84	3.00	2.75	3/8	1PLD6006			
	8	10.40	3.00	2.75	3/8	1PLD6008			
	8	10.40	3.00	2.75	3/8	1PLD6008			
* #2 AWG - 750 kcmil	2	2.63	4.83	3.00	3/8"	1PLD7502HD	500		
	3	4.00	4.83	3.00	3/8"	1PLD7503HD			
	4	5.38	4.83	3.00	3/8"	1PLD7504HD			
	5	6.75	4.83	3.00	3/8"	1PLD7505HD			
	6	8.13	4.83	3.00	3/8"	1PLD7506HD			
	8	10.88	4.83	3.00	3/8"	1PLD7508HD			
	10	13.63	4.83	3.00	3/8"	1PLD75010HD			
	12	16.38	4.83	3.00	3/8"	1PLD75012HD			
	12	16.38	4.83	3.00	3/8"	1PLD75012HD			

* Heavy Duty Series: two screws per conductor; conductors cannot be installed from opposite sides of the same port using only one screw per conductor.