Flex Connectors

90° Connectors

Applications

- Used to connect flexible metal conduit, aluminum and steel AC and MC cable to a steel outlet box or other metal enclosure at a 90-degree angle
- Ideal for installations where space constraints require a right-angle connection
- For use in indoor locations only
- Suitable for flexible metal conduit from 3/8 in through 4 in trade sizes

Approvals

- cULus Listed
- File: E30248
- UL514B

Features

- 90-degree angle design allows for efficient routing in tight spaces and around obstacles
- Zinc die-cast construction
- Corrosion-resistant zinc protects against environmental degradation
- Compatible with multiple cable types: 3/8in – 1in steel and aluminum armored cable, steel and aluminum interlocked metal clad cable, and flexible cord
- Reusable components allow for easy disassembly and reinstallation when needed
- Insulated throat options available to protect wire insulation during installation as well as provide electrical code compliance for larger conductors (see NEC 300.4 and 300.15)

Halex Flex 90° Connectors				
Part Number	*Trade Size (in)*	*Qty*	*Price*	*Thread Type*
11001B	3/8in (1/2in knockout)	35	$30.00	1/2in male NPSM
11005B	1/2in	25	$27.50	1/2in male NPSM
11007B	3/4in	10	$12.00	3/4in male NPSM
11010B	1in	5	$11.50	1in male NPSM
11012B	1-1/4in	10	$47.50	1-1/4in male NPSM
11015B	1-1/2in	5	$55.00	1-1/2in male NPSM
11020B	2in	5	$12.00	2in male NPSM
11025B	2-1/2in	2	$45.00	2-1/2in male NPSM
11030B	3in	1	$36.50	3in male NPSM
11035B	3-1/2in	1	$93.00	3-1/2in male NPSM
11040B	4in	1	$105.00	4in male NPSM



Non-insulated

Halex Flex 90° Connectors - Insulated Throat				
91003B	3/8in (1/2in knockout)	25	$23.50	1/2in male NPSM
91005B	1/2in	25	$33.00	1/2in male NPSM
91007B	3/4in	10	$19.50	3/4in male NPSM
91010B	1in		$19.00	1in male NPSM

Note: Heavy-duty locknut on all models is zinc-plated steel



Insulated

HALEX
BEYOND THE CURRENT

Flex Connectors

Squeeze Connectors

Applications

- Used to connect flexible metallic conduit and steel AC cable to a steel outlet box, load center, or other metal enclosure
- Versatile sizing: 3/8 in through 1 in compatible with AC, MC
- For use in indoor locations only
- Suitable for flexible metal conduit from 3/8 in through 4 in trade sizes

Approvals

- cULus Listed
- File: E30248
- UL514B

Features

- Squeeze-type installation provides quick, secure connections without the need for set screws or additional tools
- Zinc die-cast construction
- Corrosion-resistant zinc finish ensures long-lasting performance in indoor environments
- Multi-cable compatibility for sizes 3/8 in to 1 in: steel flexible conduit, steel and aluminum interlocked metal clad cable, and steel armored cable with various wire gauges (refer to table for cable compatibility)
- Large diameter options (1-1/4 in through 4 in) designed specifically for flexible metal conduit applications
- Reusable design allows for disassembly and reinstallation when modifications are needed
- Insulated throat options available to prevent damage to wire insulation during installation as well as provide electrical code compliance for larger conductors (see NEC 300.4 and 300.15)

Halex Flex Squeeze Connectors					
Part Number	*Trade Size (in)*	*Qty*	*Price*	*Thread Type*	*For Use With*
04203B	3/8in (1/2in knockout)	50	$29.00	1/2in male NPSM	FMC AC MC
04205B	1/2in	25	$21.00	1/2in male NPSM	
04207B	3/4in	25	$30.00	3/4in male NPSM	FMC
04210B	1in	10	$18.50	1in male NPSM	
04212B	1-1/4in	10	$22.50	1-1/4in male NPSM	
04215B	1-1/2in	5	$19.00	1-1/2in male NPSM	
04220B	2in	10	$47.50	2in male NPSM	
04225B	2-1/2in	10	$149.00	2-1/2in male NPSM	
04230B	3in	5	$99.00	3in male NPSM	
04235B	3-1/2in	2	$53.00	3-1/2in male NPSM	
04240B	4in	1	$37.00	4in male NPSM	



Non-insulated

Halex Flex Squeeze Connectors - Insulated Throat					
84205B	1/2in	25	$18.00	1/2in male NPSM	FMC AC MC
84207B	3/4in	25	$31.00	3/4in male NPSM	
84210B	1in	10	$20.00	1in male NPSM	
84212B	1-1/4in	10	$30.50	1-1/4in male NPSM	FMC
84215B	1-1/2in	5	$26.00	1-1/2in male NPSM	
84220B	2in	10	$59.00	2in male NPSM	

Note: Screw and zinc-plated steel lock-nut included.



Insulated

Flex Connectors

Screw-In Connectors

Applications

- Used to connect flexible metallic conduit to steel outlet box, load center, or other metal enclosure
- Threaded design provides secure, reliable connections for a wide range of conduit types
- For use in indoor locations only
- Suitable for flexible metal conduit from 3/8 in through 2 in trade sizes

Approvals

- cULus Listed
- File: E30248
- UL514B

Features

- Screw-in installation offers fast, secure threading into knockouts for reliable connections
- Zinc die-cast construction
- Corrosion-resistant zinc finish protects against environmental degradation in indoor applications
- Reusable components allow for easy disassembly and reinstallation when modifications are required
- Insulated throat options available to protect wire insulation during installation and prevent abrasion as well as provide electrical code compliance for larger conductors (see NEC 300.4 and 300.15).

Halex Flex Screw-In Connectors				
Part Number	***Trade Size (in)***	***Qty***	***Price***	***Thread Type***
04403B	3/8in (1/2in knockout)	50	$25.50	1/2in male NPSM
04405B	1/2in	50	$26.50	1/2in male NPSM
04407B	3/4in	25	$22.50	3/4in male NPSM
04410B	1in	25	$40.00	1in male NPSM
04412B	1-1/4in	10	$28.00	1-1/4in male NPSM
04415B	1-1/2in	10	$43.00	1-1/2in male NPSM
04420B	2in	10	$55.00	2in male NPSM



Non-insulated

Halex Flex Screw-In Connectors - Insulated Throat				
84403B	3/8in (1/2in knockout)	50	$22.50	1/2in male NPSM
84405B	1/2in	50	$29.00	1/2in male NPSM
84407B	3/4in	25	$39.00	3/4in male NPSM

Note: Heavy-duty locknut on all models is zinc-plated steel



Insulated

Flex Connectors

Screw-In Couplings

Applications

- Used to join two pieces of flexible metallic conduit together for extended runs
- Ideal for connecting conduit sections when additional length is required
- For use in indoor locations only
- Suitable for flexible metal conduit from 1/2 in through 3/4 in trade sizes



Features

- Screw-in installation offers fast, secure threading into knockouts for reliable connections
- Zinc die-cast construction
- Corrosion-resistant zinc finish protects against environmental degradation in indoor applications
- Reusable components allow for easy disassembly and reinstallation when modifications are required

Approvals

- cULus Listed
- File: E30248
- UL514B

Halex Flex Screw-In Couplings

Part Number	Trade Size (in)	Qty	Price
04505B	1/2in	50	$29.00
04507B	3/4in	25	$22.50

Flex Connectors

Set Screw Connectors

Applications

- Used to connect steel or aluminum flexible metallic conduit to a steel outlet box or other metal enclosure
- Set-screw design provides adjustable, secure fastening for various conduit types
- For use in indoor locations only
- Suitable for flexible metal conduit in 1/2 in and 3/4 in trade sizes



Non-insulated



Insulated

Features

- Set-screw installation allows for tool-adjustable tightening to ensure secure, customized connections
- Zinc die-cast construction
- Corrosion-resistant zinc finish protects against environmental degradation in indoor applications
- Compatible with steel and aluminum flexible metallic conduit for installation flexibility
- Reusable components allow for easy disassembly and reinstallation when modifications are required
- Insulated throat options available to protect wire insulation during installation and prevent abrasion as well as provide electrical code compliance for larger conductors (see NEC 300.4 and 300.15).

Approvals

- cULus Listed
- File: E30248
- UL514B

Halex Flex Set Screw Connectors							
Part Number	*Trade Size (in)*	*Qty*	*Price*	*Thread Type*	*For Use With*	*Material*	*Includes*
04805B	1/2in	25	$19.50	1/2in male NPSM	FMC	Zinc die cast	Screw and locknut
04807B	3/4in	25	$39.50	3/4in male NPSM			
Halex Flex Screw-In Connectors - Insulated Throat							
84805B	1/2in	25	$22.00	1/2in male NPSM	FMC	Zinc die cast	Screw and locknut
84807B	3/4in	25	$35.00	3/4in male NPSM			

Note: Heavy-duty locknut on all models is zinc-plated steel

Flex Connectors

Saddle Connectors

Applications

- Used to connect flexible metallic conduit, AC, MC, and NM sheathed cable to a steel outlet box or other metal enclosure
- Saddle design provides versatile cable management for multiple cable types in a single fitting
- For use in indoor locations only
- Suitable for 3/8in flexible metal conduit and various armored and sheathed cables

Features

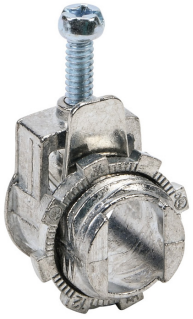
- Saddle-style design accommodates multiple cable types and sizes in one versatile connector
- Zinc die-cast construction
- Corrosion-resistant zinc finish ensures long-lasting performance in indoor environments
- Extensive cable compatibility including NM sheathed cable, steel and aluminum armored cable, 3/8 in flexible metal conduit, and various metal clad cable types
- Reusable components allow for easy disassembly and reinstallation when modifications are needed
- Insulated throat options available to protect wire insulation during installation and prevent abrasion as well as provide electrical code compliance for larger conductors (see NEC 300.4 and 300.15)

Approvals

- cULus Listed
- File: E30248
- UL514B

Suitable For

- #14-2 to the largest size NM sheathed cable
- #14-2 with ground steel and aluminum armored cable -.470" diameter,
- 3/8" steel flexible metal conduit, aluminum cont. corrugated metal clad cable 0.510-0.620" diameter
- Aluminum smooth sheath metal clad cable 0.410-0.500" diameter
- Aluminum interlocked metal clad cable 0.462-0.548" diameter
- Steel interlocked metal clad cable 0.422-0.552" diameter



Non-insulated

Insulated



Halex Flex Saddle Connectors							
Part Number	***Trade Size (in)***	***Qty***	***Price***	***Thread Type***	***For Use With***	***Material***	***Includes***
06703B	3/8in (1/2in knockout)	50	$40.00	1/2in male NPSM	FMC AC MC NM-B Cable	Zinc die cast	Screws and locknut
Halex Flex Saddle Connectors - Insulated Throat							
86703B	3/8in (1/2in knockout)	50	$39.00	1/2in male NPSM	FMC AC MC NM-B Cable	Zinc die cast	Screws and locknut

Note: Screw and zinc-plated steel lock-nut included.

HALEX
BEYOND THE CURRENT

Flex Connectors

Specialty Connectors

Applications

- Used to connect various types of flexible metallic conduit, AC, MC, and NM sheathed cable to steel outlet boxes or other metal enclosures
- Specialized designs provide solutions for unique installation requirements and specific cable types
- For use in indoor locations only
- Each connector type engineered for optimal compatibility with its designated cable or conduit application

Approvals

- cULus Listed
- File: E30248
- UL514B





Features

- Application-specific designs engineered to meet specialized installation needs and code requirements
- Corrosion-resistant zinc finish protects against environmental degradation in indoor applications
- Versatile product line includes clamp combo, snap-in, duplex, snap lock, and cut-in connector options
- Reusable components allow for easy disassembly and reinstallation when modifications are required

Halex Liquid-Tight FMC and NM-Type B Straight Connectors

Part Number	Product Image	Item Type	Trade Size (in)	Qty	Price	Thread Type	For Use With	Includes
05711B		Clamp combo connector	3/8in (1/2in knockout)	50	$20.50	1/2in male NPSM	FMC AC MC NM-B Cable	Screws and locknut
05803B		AC (BX) connector (snap-in)	3/8in (1/2in knockout)	100	$49.00	1/2in male NPSM	AC MC	Screw and locknut
15803B		Duplex connector	3/8in (1/2in knockout)	25	$24.50	1/2in male NPSM	FMC AC MC NM-B Cable	Screws and locknut
65705B		MC snap-in connector	3/8in (1/2in knockout)	50	$41.50	N/A	FMC AC MC	Screw
65805B		MC snap-in duplex connector	3/8in (1/2in knockout)	25	$32.50	N/A	FMC AC MC	Screw
85703NB		Snap lock connector	3/8in (1/2in knockout)	50	$75.00	N/A	FMC AC MC NM-B Cable	N/A
85803NB		Cut-in connector	3/8in (1/2in knockout)	25	$40.50	N/A	AC MC FMC	N/A

Note: Heavy-duty locknut on all models is zinc-plated steel

HALEX
BEYOND THE CURRENT

Halex Fittings Compatibility

Halex Fittings Compatibility Chart

Part Number	Part Type	Trade Size (in)	Flexible Metal Conduit (FMC)						Armored Cable (AC)				Metal Clad Cable (MC)					
			Aluminum			Steel			Aluminum		Steel		Aluminum	Steel	MCI-A		HCF	
			SW	RW	XRW	SW	RW	XRW	Max Size	Dia.	Max Size	Dia.	Dia.	Dia.	Max Size	Dia.	Max Size	Dia.
11001B	Flex 90-degree connector	3/8	Y	Y	Y	Y	Y	Y	10AWG	0.453 – 0.622	8AWG	0.453 – 0.648	0.453 – 0.646	0.453 – 0.669	–	–	10AWG	0.495– 0.584
11005B	Flex 90-degree connector	1/2	Y	Y	Y	Y	Y	Y	6AWG	0.622 – 0.906	8AWG	0.648 – 0.827	0.646 – 0.937	0.622 – 0.866	–	–	–	–
11007B	Flex 90-degree connector	3/4	Y	Y	N	Y	Y	Y	2AWG	0.925 – 1.19	3AWG	0.945 – 1.19	0.827 – 1.19	0.827 – 1.19	–	–	–	–
11010B	Flex 90-degree connector	1	Y	Y	N	Y	Y	N	2AWG	1.06 – 1.19	2AWG	1.19 – 1.30	1.19 – 1.37	1.19 – 1.34	–	–	–	–
11012B	Flex 90-degree connector	1-1/4	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
11015B	Flex 90-degree connector	1-1/2	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
11020B	Flex 90-degree connector	2	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
11025B	Flex 90-degree connector	2-1/2	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
11030B	Flex 90-degree connector	3	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
11035B	Flex 90-degree connector	3-1/2	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
11040B	Flex 90-degree connector	4	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
91003B	Flex 90-degree connector insulated	3/8	Y	Y	Y	Y	Y	Y	10AWG	0.453 – 0.622	8AWG	0.453 – 0.648	0.453 – 0.646	0.453 0.669	–	–	–	–
91005B	Flex 90-degree connector insulated	1/2	Y	Y	Y	Y	Y	Y	6AWG	0.622 – 0.906	8AWG	0.648 – 0.827	0.646 – 0.937	0.622 – 0.866	–	–	–	–
91007B	Flex 90-degree connector insulated	3/4	Y	Y	N	Y	Y	Y	2AWG	0.925 – 1.19	3AWG	0.945 – 1.19	0.827 – 1.19	0.827 – 1.19"	–	–	–	–
91010B	Flex 90-degree connector insulated	1	Y	Y	N	Y	Y	N	2AWG	1.06 – 1.19	2AWG	1.19 – 1.30	1.19 – 1.37	1.19 – 1.34	–	–	–	–
04203B	Squeeze connector	3/8	Y	N	N	Y	N	N	10AWG	.525 – .600"	10AWG	.525 – 0.575"	.5 – .61	.490 – .60	–	–	–	–
04205B	Squeeze connector	1/2	Y	Y	N	Y	Y	N	6AWG	0.880	6AWG	.885	0.865	0.86	–	–	–	–
04207B	Squeeze connector	3/4	N	N	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
04210B	Squeeze connector	1	N	N	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–

Note: All sizes are in inches.

Halex Fittings Compatibility Chart

Part Number	Part Type	Trade Size (in)	Flexible Metal Conduit (FMC)						Armored Cable (AC)				Metal Clad Cable (MC)					
			Aluminum			Steel			Aluminum		Steel		Aluminum	Steel	MCI-A		HCF	
			SW	RW	XRW	SW	RW	XRW	Max Size	Dia.	Max Size	Dia.	Dia.	Dia.	Max Size	Dia.	Max Size	Dia.
04212B	Squeeze connector	1-1/4	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
04215B	Squeeze connector	1-1/2	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
04220B	Squeeze connector	2	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
04225B	Squeeze connector	2-1/2	N	N	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
04230B	Squeeze connector	3	N	N	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
04235B	Squeeze connector	3-1/2	N	N	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
04240B	Squeeze connector	4	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
84205B	Squeeze connector, Insulated	1/2	Y	Y	N	Y	Y	Y	4AWG	.756 – .905	8AWG	0.827	.827 – .896	.827 – .866	–	–	–	–
84207B	Squeeze connector, Insulated	3/4	Y	Y	N	Y	Y	Y	4AWG	.905 – 1.055	4AWG	.945 – .992	1.02	1	–	–	–	–
84210B	Squeeze connector, Insulated	1	Y	Y	N	Y	Y	Y	2AWG	1.185 – 1.134	2AWG	1.185 – 1.303	1.185 – 1.374	1.185 – 1.339	–	–	–	–
84212B	Squeeze connector, Insulated	1-1/4	N	N	N	Y	Y	Y	–	–	–	–	–	–	–	–	–	–
84215B	Squeeze connector, Insulated	1-1/2	N	N	N	Y	Y	Y	–	–	–	–	–	–	–	–	–	–
84220B	Squeeze connector, Insulated	2	N	N	N	Y	Y	Y	–	–	–	–	–	–	–	–	–	–
04403B	Screw-in connector	3/8	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
04405B	Screw-in connector	1/2	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
04407B	Screw-in connector	3/4	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
04410B	Screw-in connector	1	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
04412B	Screw-in connector	1 1/4	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
04415B	Screw-in connector	1 1/2	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
04420B	Screw-in connector	2	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
84403B	Screw-in connector, insulated	3/8	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–

Note: All sizes are in inches.

Halex Fittings Compatibility Chart

Part Number	Part Type	Trade Size (in)	Flexible Metal Conduit (FMC)						Armored Cable (AC)				Metal Clad Cable (MC)					
			Aluminum			Steel			Aluminum		Steel		Aluminum	Steel	MCI-A		HCF	
			SW	RW	XRW	SW	RW	XRW	Max Size	Dia.	Max Size	Dia.	Dia.	Dia.	Max Size	Dia.	Max Size	Dia.
84405B	Screw-in connector, insulated	1/2	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
84407B	Screw-in connector, insulated	3/4	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
04505B	Screw-in coupling	1/2	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
04507B	Screw-in coupling	3/4	Y	Y	N	Y	Y	N	–	–	–	–	–	–	–	–	–	–
04805B	Set-screw connector	1/2	Y	N	N	Y	N	N	–	–	–	–	–	–	–	–	–	–
04807B	Set-screw connector	3/4	Y	N	N	Y	N	N	–	–	–	–	–	–	–	–	–	–
84805B	Set-screw connector, insulated	1/2	Y	N	N	Y	N	N	–	–	–	–	–	–	–	–	–	–
84807B	Set-screw connector, insulated	3/4	Y	N	N	Y	N	N	–	–	–	–	–	–	–	–	–	–
06703B	Saddle clamp	3/8	Y	N	N	Y	N	N	10AWG	.465 – .500	10AWG	.465 – .500	0.468 – 0.610	0.475 – 0.600	10AWG	0.452 – 0.538	10AWG	0.452 – 0.584
86703B	Saddle clamp, insulated	3/8	Y	N	N	Y	N	N	14AWG	0.47	14AWG	0.47	.510 – .620	.442 – .552	–	–	–	–
05711B	Clamp combination connector	3/8	Y	Y	Y	Y	Y	Y	14AWG	.480 – .520	12AWG	0.460 – 0.520	.0451 – 0.550	0.451 – .550	10AWG	.468 – .558	–	–
05803B	AC (BX) connector, snap-in	3/8	N	N	N	N	N	N	–	–	10AWG	0.46 – 0.598	–	0.469– 0.600	–	–	–	–
15803B	Duplex connector	3/8	Y	Y	N	Y	Y	N	10AWG	0.480 – 0.580	12AWG	0.460 – 0.500	0.468 – 0.610	0.470 – 0.600	10AWG	0.370 – 0.495	10AWG	0.418 – 0.495
65705B	MC snap-in connector	3/8	Y	Y	N	Y	Y	N	10AWG	0.385 – 0.600	10AWG	0.385 – 0.600	0.385 – 0.600	0.385 – 0.600	10AWG	0.385 – 0.600	10AWG	0.385 – 0.600
65805B	MC snap-in duplex connector	3/8	Y	Y	N	Y	Y	N	12AWG	0.385 – 0.560	12AWG	0.385 – 0.560	0.385 – 0.55	0.385 – 0.55	–	–	–	–
85703NB	Double snap lock AC/MC connector	3/8	Y	Y	N	Y	Y	N	10AWG	0.385 – 0.600	10AWG	0.385 – 0.600	0.385 – 0.600	0.385 – 0.600	10AWG	0.385 – 0.600	10AWG	0.385 – 0.600
85803NB	Cut-in connector	3/8	Y	Y	N	Y	Y	N	10AWG	0.395 – 0.560	10AWG	0.395 – 0.560	0.395 – 0.560	0.395 – 0.560	10AWG	0.395 – 0.560	10AWG	0.395 – 0.560

Note: All sizes are in inches.

Key

SW	Standard Wall	MCI-A	Metal Clad cable w/ aluminum ground
RW	Reduced Wall	HCF	Health Care Facilities - redundant ground
XRW	Extreme Reduced Wall	–	Manufacturing information not available
Max Size	Denotes largest conductor size when cable's armor is used as a bonded ground		