

Heavy Duty Compression Terminals and Splices

Heavy Duty Compression Terminals

Made from high strength, highly conductive electrolytic copper, **Heavy Duty Code and Flex Compression Lugs and Splices** are extra tough, durable, reliable, and 100% conductive. They crimp in industry standard tooling for lowest applied cost.

Use in high voltage and heavy duty applications: generators, transformers, switch gear, motor controls, power distribution, welding equipment, telecommunications and utilities.

- Easy to read industry standard color code markings indicate size, proper die set, and crimp location
- Heavy duty seamless barrel will not open under stress or conductor pull conditions
- Made from highly conductive wrought copper tubing
- Electro tin plated and burnished to prevent corrosion
- Standard barrel lugs feature inspection hole for verifying strand placement
- Chamfered barrel for easy wire insertion
- Available in standard barrel for limited space applications and long barrel for greater pull out strength and increased conductivity
- UL Listed, CSA Certified and rated to 90°C

Fine strand flexible wire has a slightly larger conductor diameter than code stranded wire. When using **Code Lugs** with 2 AWG and larger **Arctic Ultraflex Blue**® and similar fine strand flexible wire, step up one lug size.

Flex Lugs, sized for the larger conductor diameter of fine strand flexible wire, are available on pages 100-101



Long Barrel Code Splice
Part Number
HDCL-250-CC



Standard Barrel
Code Splice
Part Number HDC-6-CC



Code Splice Connectors

Long Barrel Code Splices

Part Number	Die Code	Arctic Ultraflex Wire AWG	Code Stranded Wire AWG
HDCL-8-CC	Red	8	8
HDCL-6-CC	Blue	6	6
HDCL-4-CC	Gray	4	4
HDCL-2-CC	Brown	-	2
HDCL-1-CC	Green	2	1
HDCL-1/0-CC	Pink	1	1/0
HDCL-2/0-CC	Black	1/0	2/0
HDCL-3/0-CC	Orange	2/0	3/0
HDCL-4/0-CC	Purple	3/0	4/0
HDCL-250-CC	Yellow	4/0	250 MCM
HDCL-300-CC	White	250 MCM	300 MCM
HDCL-350-CC	Red	300 MCM	350 MCM
HDCL-400-CC	Blue	350 MCM	400 MCM
HDCL-500-CC	Brown	400 MCM	500 MCM
HDCL-600-CC	Green	500 MCM	600 MCM
HDCL-750-CC	Black	600 MCM	750 MCM
HDCL-900-CC	Yellow	750 MCM	900 MCM
HDCL-1000-CC	White	900 MCM	1000 MCM

Standard Barrel Code Splices

Part Number	Die Code	Arctic Ultraflex Wire AWG	Code Stranded Wire AWG
HDC-8-CC	Red	8	8
HDC-6-CC	Blue	6	6
HDC-4-CC	Gray	4	4
HDC-2-CC	Brown	-	2
HDC-1-CC	Green	2	1
HDC-1/0-CC	Pink	1	1/0
HDC-2/0-CC	Black	1/0	2/0
HDC-3/0-CC	Orange	2/0	3/0
HDC-4/0-CC	Purple	3/0	4/0
HDC-250-CC	Yellow	4/0	250 MCM
HDC-300-CC	White	250 MCM	300 MCM
HDC-350-CC	Red	300 MCM	350 MCM
HDC-400-CC	Blue	350 MCM	400 MCM
HDC-500-CC	Brown	400 MCM	500 MCM
HDC-600-CC	Green	500 MCM	600 MCM
HDC-700-CC	Pink	600 MCM	700 MCM
HDC-750-CC	Black	700 MCM	750 MCM
HDC-900-CC	Yellow	750 MCM	900 MCM
HDC-1000-CC	White	900 MCM	1000 MCM



Single Hole Code Lugs

Rated 35KV Applications — Copper Conductors Only

Long Barrel Single Hole Code Lugs

Part Number	Stud Size	Die Code	Arctic Ultraflex Wire AWG	Code Stranded Wire AWG
HDCL-810-CC	10	Red	8	8
HDCL-814-CC	1/4	Red	8	8
HDCL-610-CC	10	Blue	6	6
HDCL-614-CC	1/4	Blue	6	6
HDCL-638-CC	3/8	Blue	6	6
HDCL-414-CC	1/4	Gray	4	4
HDCL-4516-CC	5/16	Gray	4	4
HDCL-214-CC	1/4	Brown	-	2
HDCL-2516-CC	5/16	Brown	-	2
HDCL-238-CC	3/8	Brown	-	2
HDCL-114-CC	1/4	Green	2	1
HDCL-1516-CC	5/16	Green	2	1
HDCL-10516-CC	5/16	Pink	1	1/0
HDCL-1038-CC	3/8	Pink	1	1/0
HDCL-2038-CC	3/8	Black	1/0	2/0
HDCL-2012-CC	1/2	Black	1/0	2/0
HDCL-3038-CC	3/8	Orange	2/0	3/0
HDCL-3012-CC	1/2	Orange	2/0	3/0
HDCL-4038-CC	3/8	Purple	3/0	4/0
HDCL-4012-CC	1/2	Purple	3/0	4/0
HDCL-25012-CC	1/2	Yellow	4/0	250 MCM
HDCL-30012-CC	1/2	White	250 MCM	300 MCM
HDCL-35012-CC	1/2	Red	300 MCM	350 MCM
HDCL-40058-CC	5/8	Blue	350 MCM	400 MCM
HDCL-50012-CC	1/2	Brown	400 MCM	500 MCM
HDCL-50058-CC	5/8	Brown	400 MCM	500 MCM
HDCL-60012-CC	1/2	Green	500 MCM	600 MCM
HDCL-60058-CC	5/8	Green	500 MCM	600 MCM
HDCL-75058-CC	5/8	Black	700 MCM	750 MCM
HDCL-100058-CC	5/8	White	750 MCM	1000 MCM

Standard Barrel Single Hole Code Lugs

with window

Part Number	Stud Size	Die Code	Arctic Ultraflex Wire AWG	Code Stranded Wire AWG
HDC-810-CC	10	Red	8	8
HDC-814-CC	1/4	Red	8	8
HDC-8516-CC	5/16	Red	8	8
HDC-838-CC	3/8	Red	8	8
HDC-610-CC	10	Blue	6	6
HDC-614-CC	1/4	Blue	6	6
HDC-6516-CC	5/16	Blue	6	6
HDC-638-CC	3/8	Blue	6	6
HDC-410-CC	10	Gray	4	4
HDC-414-CC	1/4	Gray	4	4
HDC-4516-CC	5/16	Gray	4	4
HDC-438-CC	3/8	Gray	4	4
HDC-214-CC	1/4	Brown	-	2
HDC-2516-CC	5/16	Brown	-	2
HDC-238-CC	3/8	Brown	-	2
HDC-212-CC	1/2	Brown	-	2
HDC-114-CC	1/4	Green	2	1
HDC-1516-CC	5/16	Green	2	1
HDC-138-CC	3/8	Green	2	1
HDC-1014-CC	1/4	Pink	1	1/0
HDC-10516-CC	5/16	Pink	1	1/0
HDC-1038-CC	3/8	Pink	1	1/0
HDC-1012-CC	1/2	Pink	1	1/0
HDC-2014-CC	1/4	Black	1/0	2/0
HDC-20516-CC	5/16	Black	1/0	2/0
HDC-2038-CC	3/8	Black	1/0	2/0
HDC-2012-CC	1/2	Black	1/0	2/0
HDC-3014-CC	1/4	Orange	2/0	3/0
HDC-30516-CC	5/16	Orange	2/0	3/0
HDC-3038-CC	3/8	Orange	2/0	3/0
HDC-3012-CC	1/2	Orange	2/0	3/0
HDC-4014-CC	1/4	Purple	3/0	4/0
HDC-40516-CC	5/16	Purple	3/0	4/0
HDC-4038-CC	3/8	Purple	3/0	4/0
HDC-4012-CC	1/2	Purple	3/0	4/0
HDC-25014-CC	1/4	Yellow	4/0	250 MCM
HDC-25038-CC	3/8	Yellow	4/0	250 MCM
HDC-25012-CC	1/2	Yellow	4/0	250 MCM
HDC-25058-CC	5/8	Yellow	4/0	250 MCM
HDC-300516-CC	5/16	White	250 MCM	300 MCM
HDC-30038-CC	3/8	White	250 MCM	300 MCM
HDC-30012-CC	1/2	White	250 MCM	300 MCM
HDC-30058-CC	5/8	White	250 MCM	300 MCM
HDC-35038-CC	3/8	Red	300 MCM	350 MCM
HDC-35012-CC	1/2	Red	300 MCM	350 MCM
HDC-35058-CC	5/8	Red	300 MCM	350 MCM
HDC-40038-CC	3/8	Blue	350 MCM	400 MCM
HDC-40012-CC	1/2	Blue	350 MCM	400 MCM
HDC-40058-CC	5/8	Blue	350 MCM	400 MCM
HDC-50038-CC	3/8	Brown	400 MCM	500 MCM
HDC-50012-CC	1/2	Brown	400 MCM	500 MCM
HDC-50058-CC	5/8	Brown	400 MCM	500 MCM
HDC-60012-CC	1/2	Green	500 MCM	600 MCM
HDC-60058-CC	5/8	Green	500 MCM	600 MCM
HDC-70038-CC	5/8	Pink	600 MCM	700 MCM
HDC-75058-CC	5/8	Black	700 MCM	750 MCM
HDC-100058-CC	5/8	White	750 MCM	1000 MCM



Heavy Duty Compression Terminals and Splices

Single Hole Flex Lugs

Rated 35KV Applications — Copper Conductors Only

Heavy Duty Single Hole and Double Hole Flex Compression Lugs are designed for use with both code stranded and flexible fine stranded copper conductor wire such as Class K **Arctic Ultraflex Blue**®. Flex Lugs can be used with class G, H, I, K, and M flexible conductors and Diesel Locomotive (DLO) wire.

Flex Lugs are sized for the larger conductor diameter of flexible wire. When using flex lugs with either flexible or code stranded conductors, match the lug to the wire size.



**2 AWG
Flex Lug**

**2 AWG
Code Lug**

Long Barrel Single Hole Flex Lugs					Standard Barrel Single Hole Flex Lugs				
Part Number	Stud Size	Die Code	Arctic Ultraflex Wire AWG	Code Stranded Wire AWG	Part Number	Stud Size	Die Code	Arctic Ultraflex Wire AWG	Code Stranded Wire AWG
HDCLF-814-CC	1/4	Red	8	8	HDCF-810-CC	10	Red	8	8
HDCLF-614-CC	1/4	Blue	6	6	HDCF-814-CC	1/4	Red	8	8
HDCLF-638-CC	3/8	Blue	6	6	HDCF-838-CC	3/8	Red	8	8
HDCLF-414-CC	1/4	Gray	4	4	HDCF-610-CC	10	Blue	6	6
HDCLF-438-CC	3/8	Gray	4	4	HDCF-614-CC	1/4	Blue	6	6
HDCLF-214-CC	1/4	Brown	2	2	HDCF-6516-CC	5/16	Blue	6	6
HDCLF-238-CC	3/8	Brown	2	2	HDCF-638-CC	3/8	Blue	6	6
HDCLF-212-CC	1/2	Brown	2	2	HDCF-410-CC	10	Gray	4	4
HDCLF-2038-CC	3/8	Black	2/0	2/0	HDCF-414-CC	1/4	Gray	4	4
HDCLF-2012-CC	1/2	Black	2/0	2/0	HDCF-4516-CC	5/16	Gray	4	4
HDCLF-4038-CC	3/8	Purple	4/0	4/0	HDCF-438-CC	3/8	Gray	4	4
HDCLF-4012-CC	1/2	Purple	4/0	4/0	HDCF-214-CC	1/4	Brown	2	2
HDCLF-50038-CC	3/8	Pink	500 MCM/535.3 DLO	500 MCM	HDCF-2516-CC	5/16	Brown	2	2
					HDCF-238-CC	3/8	Brown	2	2
					HDCF-212-CC	1/2	Brown	2	2
					HDCF-114-CC	1/4	Green	1	1
					HDCF-1516-CC	5/16	Green	1	1
					HDCF-138-CC	3/8	Green	1	1
					HDCF-1014-CC	1/4	Pink	1/0	1/0
					HDCF-10516-CC	5/16	Pink	1/0	1/0
					HDCF-1038-CC	3/8	Pink	1/0	1/0
					HDCF-1012-CC	1/2	Pink	1/0	1/0
					HDCF-2014-CC	1/4	Black	2/0	2/0
					HDCF-20516-CC	5/16	Black	2/0	2/0
					HDCF-2038-CC	3/8	Black	2/0	2/0
					HDCF-2012-CC	1/2	Black	2/0	2/0
					HDCF-3014-CC	1/4	Orange	3/0	3/0
					HDCF-30516-CC	5/16	Orange	3/0	3/0
					HDCF-3038-CC	3/8	Orange	3/0	3/0
					HDCF-3012-CC	1/2	Orange	3/0	3/0
					HDCF-4014-CC	1/4	Purple	4/0	4/0
					HDCF-40516-CC	5/16	Purple	4/0	4/0
					HDCF-4038-CC	3/8	Purple	4/0	4/0
					HDCF-4012-CC	1/2	Purple	4/0	4/0
					HDCF-25014-CC	1/4	Yellow	250 MCM/262.6 DLO	250 MCM
					HDCF-25038-CC	3/8	Yellow	250 MCM/262.6 DLO	250 MCM
					HDCF-25012-CC	1/2	Yellow	250 MCM/262.6 DLO	250 MCM
					HDCF-30038-CC	3/8	White	300 MCM/313.1 DLO	300 MCM
					HDCF-30012-CC	1/2	White	300 MCM/313.1 DLO	300 MCM
					HDCF-30058-CC	5/8	White	300 MCM/313.1 DLO	300 MCM
					HDCF-35038-CC	3/8	Red	350 MCM/373.7 DLO	350 MCM
					HDCF-35012-CC	1/2	Red	350 MCM/373.7 DLO	350 MCM
					HDCF-35058-CC	5/8	Red	350 MCM/373.7 DLO	350 MCM
					HDCF-500516-CC	5/16	Brown	500 MCM/535.3 DLO	500 MCM
					HDCF-50038-CC	3/8	Brown	500 MCM/535.3 DLO	500 MCM
					HDCF-50012-CC	1/2	Brown	500 MCM/535.3 DLO	500 MCM
					HDCF-50058-CC	5/8	Brown	500 MCM/535.3 DLO	500 MCM



Single Hole
Long Barrel Flex Lug
Part Number
HDCLF-50038-CC



Single Hole
Standard Barrel
Flex Lug
Part Number
HDCF-4516-CC



Two Hole Flex Lugs

Rated 35KV Applications — Copper Conductors Only

- Two-hole tongue style increases contact area and prevents connector rotation

Long Barrel Two Hole Flex Lugs

with window

Part Number	Stud Size	Hole Center (Inches)	Die Code	Arctic Ultraflex Wire AWG	Code Stranded Wire AWG
HDCLF-8102-CC	10	5/8	● Red	8	8
HDCLF-8142-CC	1/4	5/8	● Red	8	8
HDCLF-8142-TC	1/4	3/4	● Red	8	8
HDCLF-8382-TC	3/8	1	● Red	8	8
HDCLF-6102-CC	10	5/8	● Blue	6	6
HDCLF-6142-TC	1/4	5/8	● Blue	6	6
HDCLF-6142-CC	1/4	3/4	● Blue	6	6
HDCLF-6142-TC2	1/4	1	● Blue	6	6
HDCLF-6382-TC	3/8	1	● Blue	6	6
HDCLF-4142-TC	1/4	5/8	● Gray	4	4
HDCLF-4142-CC	1/4	3/4	● Gray	4	4
HDCLF-4382-CC	3/8	1	● Gray	4	4
HDCLF-2142-TC	1/4	5/8	● Brown	2	2
HDCLF-2142-CC	1/4	3/4	● Brown	2	2
HDCLF-2382-TC	3/8	1	● Brown	2	2
HDCLF-1142-CC	1/4	5/8	● Green	1	1
HDCLF-1142-TC	1/4	3/4	● Green	1	1
HDCLF-1382-CC	3/8	1	● Green	1	1
HDCLF-10142-CC	1/4	5/8	● Pink	1/0	1/0
HDCLF-10382-TC	3/8	1	● Pink	1/0	1/0
HDCLF-20142-CC	1/4	5/8	● Black	2/0	2/0
HDCLF-20142-TC	1/4	3/4	● Black	2/0	2/0
HDCLF-20382-TC	3/8	1	● Black	2/0	2/0
HDCLF-20122-TC	1/2	1-3/4	● Black	2/0	2/0
HDCLF-30382-TC	3/8	1	● Orange	2/0	3/0
HDCLF-40142-TC	1/4	3/4	● Purple	4/0	4/0
HDCLF-40382-CC	3/8	1	● Purple	4/0	4/0
HDCLF-40122-TC	1/2	1-3/4	● Purple	4/0	4/0
HDCLF-250382-TC	3/8	1	● Yellow	250 MCM/262.6 DLO	250 MCM
HDCLF-250122-TC	1/2	1-3/4	● Yellow	250 MCM/262.6 DLO	250 MCM
HDCLF-300382-TC	3/8	1	● Red	300 MCM/313.1 DLO	300 MCM
HDCLF-500382-TC	3/8	1	● Pink	500 MCM/535.3 DLO	500 MCM



Two Hole Long Barrel Flex Lug
Part Number
HDCLF-40382-CC



Two Hole Standard Barrel Flex Lug
Part Number
HDCF-2142-CC

Standard Barrel Two Hole Flex Lugs

with window

Part Number	Stud Size	Hole Center (Inches)	Die Code	Arctic Ultraflex Wire AWG	Code Stranded Wire AWG
HDCF-8102-CC	10	5/8	● Red	8	8
HDCF-8142-CC	1/4	5/8	● Red	8	8
HDCF-8142-TC	1/4	3/4	● Red	8	8
HDCF-8142-TC2	1/4	1	● Red	8	8
HDCF-6142-CC	1/4	5/8	● Blue	6	6
HDCF-6142-TC	1/4	3/4	● Blue	6	6
HDCF-65162-CC	5/16	1	● Blue	6	6
HDCF-6382-CC	3/8	1	● Blue	6	6
HDCF-4142-CC	1/4	5/8	● Gray	4	4
HDCF-4142-TC	1/4	3/4	● Gray	4	4
HDCF-4142-TC2	1/4	1	● Gray	4	4
HDCF-2142-TC2	1/4	1	● Brown	2	2
HDCF-1142-TC	1/4	1	● Green	1	1
HDCF-40382-TC	3/8	1	● Purple	3/0	3/0
HDCF-250382-CC	3/8	1	● Yellow	4/0	4/0
HDCF-350382-CC	3/8	1	● Red	300 MCM	300 MCM



Call for additional configurations and non-standard stud sizes

Minimums may apply, lead times may vary