



CU LUGS

Aftec cu lugs solve your problem for difficult wire bending and terminating applications in confined power distribution panels and other enclosures. Aftec cu lugs are designed to obtain the highest electrical conductivity with maximum strength to resist vibration. Wide range of styles and sizes are available. Color coded lugs not only identify the correct installing die to be used for compressions, but also indicate the proper placement of the die on the lugs.

CU ONE HOLE LUGS

CU ONE HOLE LONG BARREL LUGS

CU BLANK LUGS

CU FOUR HOLE LUGS

CU ONE HOLE FLARED LUGS

CU PIN TYPE LUGS

CU ONE HOLE COLOR CODED LUGS

CU TWO HOLE COLOR CODED LUGS

CU TWO HOLE LONG BARREL COLOR CODED LUGS

CU FERRULES

Aftec cu ferrules are designed for joining conductors

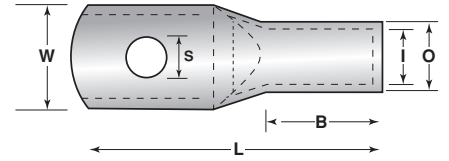
CU FERRULES

CU LONG BARREL FERRULES

CU FLARED FERRULES

CU FERRULES COLOR CODED

CU LONG BARREL COLOR CODED FERRULES



CU ONE HOLE LUGS

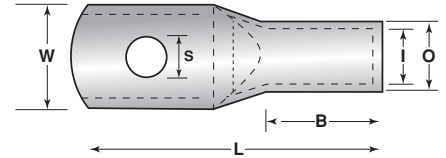
Aftec copper one hole lugs are manufactured from electrolytic copper tubes and are suitable for connection of copper conductors (section 1.5 mm² to 1000mm²) in power cable with the equipment. This are designed to obtain the highest electrical conductivity with maximum strength to resist vibration. The presence of an inspection hole assists the full insertion of the cable into the barrel.

Technical Data

- Application : For wire bending and terminating applications in confined power distribution panels and other enclosures.
- Material : 99.9% copper
- Plating : Electro tin plated
- Voltage : 600V to 1000 V

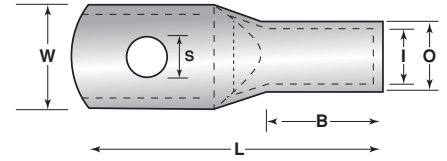
| MODEL NO | DIMENSIONS | | | | | | CABLE SIZE | |
|------------|------------|----|----|-------|-----|-----|-----------------|-----|
| | S | L | B | W | I | O | mm ² | AWG |
| | MM | MM | MM | MM | MM | MM | | |
| ACT 1.5-3 | 3 | 18 | 7 | 8.0 | 1.8 | 3.7 | 1.5 | 16 |
| ACT 1.5-4 | 4 | 18 | 7 | 8.0 | 1.8 | 3.7 | 1.5 | 16 |
| ACT 1.5-5* | 5 | 18 | 7 | 8.0 | 1.8 | 3.7 | 1.5 | 16 |
| ACT 1.5-6* | 6 | 20 | 7 | 9.50 | 1.8 | 3.7 | 1.5 | 16 |
| ACT 2.5-4* | 4 | 18 | 7 | 8.50 | 2.4 | 4.0 | 2.5 | 14 |
| ACT 2.5-5* | 5 | 20 | 7 | 9.00 | 1.8 | 3.7 | 2.5 | 14 |
| ACT 2.5-6* | 6 | 20 | 7 | 9.50 | 1.8 | 3.7 | 2.5 | 14 |
| ACT 2.5-8* | 8 | 24 | 7 | 12.00 | 2.4 | 4.0 | 2.5 | 14 |
| ACT 4-4 | 4 | 21 | 9 | 9.50 | 3.1 | 4.8 | 4 | 12 |
| ACT 4-5* | 5 | 22 | 9 | 9.50 | 3.1 | 4.8 | 4 | 12 |
| ACT 4-6* | 6 | 22 | 9 | 9.50 | 3.1 | 4.8 | 4 | 12 |
| ACT 4-8* | 8 | 26 | 9 | 12.00 | 3.1 | 4.8 | 4 | 12 |
| ACT 6-5* | 5 | 23 | 9 | 9.50 | 3.8 | 5.5 | 6 | 10 |
| ACT 6-6* | 6 | 27 | 9 | 11.00 | 3.8 | 5.5 | 6 | 10 |
| ACT 6-8* | 8 | 27 | 9 | 12.00 | 3.8 | 5.5 | 6 | 10 |
| ACT 6-10* | 10 | 32 | 9 | 15.00 | 3.8 | 5.5 | 6 | 10 |
| ACT 10-5* | 5 | 27 | 10 | 11.00 | 4.7 | 7.1 | 10 | 8 |
| ACT 10-6* | 6 | 27 | 10 | 11.00 | 4.7 | 7.1 | 10 | 8 |
| ACT 10-8* | 8 | 29 | 10 | 13.50 | 4.7 | 7.1 | 10 | 8 |
| ACT 10-10* | 10 | 32 | 10 | 15.00 | 4.7 | 7.1 | 10 | 8 |
| ACT 10-12* | 12 | 37 | 10 | 17.00 | 4.7 | 7.1 | 10 | 8 |
| ACT 16-5 | 5 | 31 | 19 | 11.00 | 5.5 | 7.9 | 16 | 6 |
| ACT 16-6* | 6 | 37 | 19 | 11.00 | 5.5 | 7.9 | 16 | 6 |
| ACT 16-8* | 8 | 39 | 19 | 13.50 | 5.5 | 7.9 | 16 | 6 |
| ACT 16-10* | 10 | 41 | 19 | 15.00 | 5.5 | 7.9 | 16 | 6 |
| ACT 16-12* | 12 | 46 | 19 | 17.00 | 5.5 | 7.9 | 16 | 6 |
| ACT 25-6* | 6 | 41 | 21 | 13.50 | 7.1 | 9.5 | 25 | 4 |
| ACT 25-8* | 8 | 41 | 21 | 13.50 | 7.1 | 9.5 | 25 | 4 |

* UL LISTED



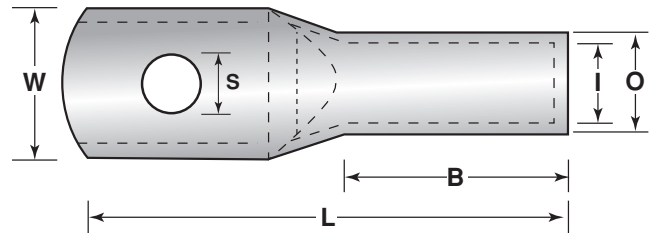
| MODEL NO | DIMENSIONS | | | | | | CABLE SIZE | |
|-------------|------------|----|----|-------|------|------|-----------------|---------|
| | S | L | B | W | I | O | mm ² | AWG |
| | MM | MM | MM | MM | MM | MM | | |
| ACT 25-10* | 10 | 44 | 21 | 15.50 | 7.1 | 9.5 | 25 | 4 |
| ACT 25-12* | 12 | 48 | 21 | 17.00 | 7.1 | 9.5 | 25 | 4 |
| ACT 35-6* | 6 | 44 | 21 | 15.50 | 8.2 | 11.2 | 35 | 2 |
| ACT 35-8* | 8 | 44 | 21 | 15.50 | 8.2 | 11.2 | 35 | 2 |
| ACT 35-10* | 10 | 46 | 21 | 16.00 | 8.2 | 11.2 | 35 | 2 |
| ACT 35-12* | 12 | 50 | 21 | 17.00 | 8.2 | 11.2 | 35 | 2 |
| ACT 35-14 | 14 | 50 | 21 | 21.00 | 8.2 | 11.2 | 35 | 2 |
| ACT 50-6* | 6 | 48 | 22 | 18.00 | 9.5 | 12.8 | 50 | 1 |
| ACT 50-8* | 8 | 48 | 22 | 18.00 | 9.5 | 12.8 | 50 | 1 |
| ACT 50-10* | 10 | 48 | 22 | 18.00 | 9.5 | 12.8 | 50 | 1 |
| ACT 50-12* | 12 | 52 | 22 | 19.00 | 9.5 | 12.8 | 50 | 1 |
| ACT 50-14 | 14 | 52 | 22 | 22.00 | 9.5 | 12.8 | 50 | 1 |
| ACT 50-16 | 16 | 52 | 22 | 22.00 | 9.5 | 12.8 | 50 | 1 |
| ACT 70-6* | 6 | 54 | 24 | 21.00 | 11.2 | 14.7 | 70 | 2/0 |
| ACT 70-8* | 8 | 54 | 24 | 21.00 | 11.2 | 14.7 | 70 | 2/0 |
| ACT 70-10* | 10 | 54 | 24 | 21.00 | 11.2 | 14.7 | 70 | 2/0 |
| ACT 70-12* | 12 | 54 | 24 | 21.00 | 11.2 | 14.7 | 70 | 2/0 |
| ACT 70-14 | 14 | 54 | 24 | 27.00 | 11.2 | 14.7 | 70 | 2/0 |
| ACT 70-16* | 16 | 64 | 24 | 27.00 | 11.2 | 14.7 | 70 | 2/0 |
| ACT 70-20 | 20 | 64 | 20 | 27.00 | 11.2 | 14.7 | 70 | 2/0 |
| ACT 95-6* | 6 | 60 | 27 | 25.00 | 13.4 | 17.4 | 95 | 3/0 |
| ACT 95-8* | 8 | 60 | 27 | 25.00 | 13.4 | 17.4 | 95 | 3/0 |
| ACT 95-10* | 10 | 60 | 27 | 25.00 | 13.4 | 17.4 | 95 | 3/0 |
| ACT 95-12* | 12 | 60 | 27 | 25.00 | 13.4 | 17.4 | 95 | 3/0 |
| ACT 95-14 | 14 | 60 | 27 | 26.00 | 13.4 | 17.4 | 95 | 3/0 |
| ACT 95-16* | 16 | 64 | 27 | 27.00 | 13.4 | 17.4 | 95 | 3/0 |
| ACT 95-20 | 20 | 64 | 27 | 28.00 | 13.4 | 17.4 | 95 | 3/0 |
| ACT 120-6* | 6 | 64 | 30 | 29.00 | 15.6 | 20.6 | 120 | 4/0 |
| ACT 120-8* | 8 | 64 | 30 | 29.00 | 15.6 | 20.6 | 120 | 4/0 |
| ACT 120-10* | 10 | 64 | 30 | 29.00 | 15.6 | 20.6 | 120 | 4/0 |
| ACT 120-12* | 12 | 64 | 30 | 29.00 | 15.6 | 20.6 | 120 | 4/0 |
| ACT 120-14 | 14 | 64 | 30 | 29.00 | 15.6 | 20.6 | 120 | 4/0 |
| ACT 120-16* | 16 | 68 | 30 | 29.00 | 15.6 | 20.6 | 120 | 4/0 |
| ACT 120-20* | 20 | 81 | 30 | 32.00 | 15.6 | 20.6 | 120 | 4/0 |
| ACT 150-8 | 8 | 71 | 30 | 32.00 | 16.7 | 22.5 | 150 | 300 MCM |
| ACT 150-10* | 10 | 71 | 30 | 32.00 | 16.7 | 22.5 | 150 | 300 MCM |

* UL LISTED



| MODEL NO | DIMENSIONS | | | | | | CABLE SIZE | |
|-------------|------------|-----|----|-------|------|------|-----------------|----------|
| | S | L | B | W | I | O | mm ² | AWG |
| | MM | MM | MM | MM | MM | MM | | |
| ACT 150-12* | 12 | 80 | 30 | 32.00 | 16.7 | 22.5 | 150 | 300 MCM |
| ACT 150-14 | 14 | 80 | 30 | 32.00 | 16.7 | 22.5 | 150 | 300 MCM |
| ACT 150-16* | 16 | 80 | 30 | 32.00 | 16.7 | 22.5 | 150 | 300 MCM |
| ACT 150-20* | 20 | 80 | 30 | 32.00 | 16.7 | 22.5 | 150 | 300 MCM |
| ACT 185-10* | 10 | 74 | 32 | 35.00 | 18.4 | 24.2 | 185 | 350 MCM |
| ACT 185-12* | 12 | 83 | 32 | 35.00 | 18.4 | 24.2 | 185 | 350 MCM |
| ACT 185-14 | 14 | 83 | 32 | 35.00 | 18.4 | 24.2 | 185 | 350 MCM |
| ACT 185-16* | 16 | 83 | 32 | 35.00 | 18.4 | 24.2 | 185 | 350 MCM |
| ACT 185-20* | 20 | 84 | 32 | 38.00 | 18.4 | 24.2 | 185 | 350 MCM |
| ACT 240-10 | 10 | 92 | 38 | 40.00 | 21.2 | 28.2 | 240 | 500 MCM |
| ACT 240-12* | 12 | 92 | 38 | 40.00 | 21.2 | 28.2 | 240 | 500 MCM |
| ACT 240-14 | 14 | 92 | 38 | 40.00 | 21.2 | 28.2 | 240 | 500 MCM |
| ACT 240-16 | 16 | 92 | 38 | 40.00 | 21.2 | 28.2 | 240 | 500 MCM |
| ACT 240-20 | 20 | 92 | 38 | 40.00 | 21.2 | 28.2 | 240 | 500 MCM |
| ACT-300-10 | 10 | 101 | 42 | 45.00 | 23.5 | 31.3 | 300 | 600 MCM |
| ACT-300-12* | 12 | 101 | 42 | 45.00 | 23.5 | 31.3 | 300 | 600 MCM |
| ACT-300-14 | 14 | 101 | 42 | 45.00 | 23.5 | 31.3 | 300 | 600 MCM |
| ACT-300-16 | 16 | 101 | 42 | 45.00 | 23.5 | 31.3 | 300 | 600 MCM |
| ACT-300-20 | 20 | 101 | 42 | 45.00 | 23.5 | 31.3 | 300 | 600 MCM |
| ACT-400-10 | 10 | 116 | 44 | 50.00 | 26.8 | 34.8 | 400 | 750 MCM |
| ACT-400-12 | 12 | 116 | 44 | 50.00 | 26.8 | 34.8 | 400 | 750 MCM |
| ACT-400-14 | 14 | 116 | 44 | 50.00 | 26.8 | 34.8 | 400 | 750 MCM |
| ACT-400-16 | 16 | 116 | 44 | 50.00 | 26.8 | 34.8 | 400 | 750 MCM |
| ACT-400-20 | 20 | 116 | 44 | 50.00 | 26.8 | 34.8 | 400 | 750 MCM |
| ACT 500-12 | 12 | 126 | 50 | 55.50 | 30 | 39 | 500 | 1000 MCM |
| ACT 500-14 | 14 | 126 | 50 | 55.50 | 30 | 39 | 500 | 1000 MCM |
| ACT 500-16 | 16 | 126 | 50 | 55.50 | 30 | 39 | 500 | 1000 MCM |
| ACT 500-20 | 20 | 126 | 50 | 55.50 | 30 | 39 | 500 | 1000 MCM |
| ACT 630-14 | 14 | 146 | 51 | 63.50 | 30.5 | 44.7 | 630 | 1235 MCM |
| ACT 630-16 | 16 | 146 | 51 | 64.50 | 35 | 44.7 | 630 | 1235 MCM |
| ACT 630-20 | 20 | 146 | 51 | 64.50 | 35 | 44.7 | 630 | 1235 MCM |
| ACT 800-14 | 14 | 171 | 77 | 72.50 | 39 | 50.6 | 800 | 1580 MCM |
| ACT 800-18 | 18 | 171 | 77 | 70.90 | 39 | 50.6 | 800 | 1580 MCM |
| ACT 800-20 | 20 | 171 | 77 | 72.50 | 39 | 50.6 | 800 | 1580 MCM |
| ACT 1000-20 | 20 | 202 | 90 | 80.5 | 43 | 56.2 | 1000 | 1975 MCM |

* UL LISTED



CU ONE HOLE LONG BARREL LUGS

Aftec copper one hole long barrel lugs are manufactured from high conductivity seamless copper tubing. Long barrel maximizes number of crimps for added mechanical strength and electrical performance which can be used for high voltage application up to 33 KV provided proper high voltage insulation methods are used. The absence of an inspection hole prevents the entry of water or moisture into the crimped barrel.

Technical Data.

Application : For wire bending and terminating applications, ideal for industrial oil rigs, welding and transportation.

Material : 99.9% Copper

Plating : Electro tin plated

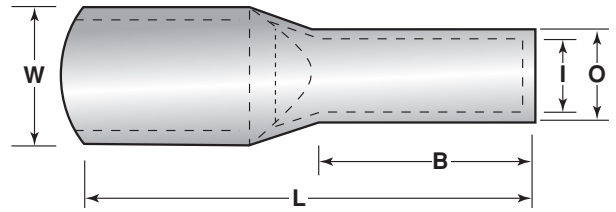
Voltage : 0.6 KV to 33 KV

| MODEL NO | DIMENSIONS | | | | | | CABLE SIZE | |
|-----------------|------------|------|----|-------|------|------|-----------------|-----|
| | S | L | B | W | I | O | mm ² | AWG |
| | MM | MM | MM | MM | MM | MM | | |
| ACT 6- 5 HV* | 5 | 30.5 | 10 | 9.00 | 3.8 | 5.5 | 6 | 8 |
| ACT 6- 6 HV* | 6 | 31.5 | 10 | 9.50 | 3.8 | 5.5 | 6 | 8 |
| ACT 6- 8 HV* | 8 | 34.0 | 10 | 12.00 | 3.8 | 5.5 | 6 | 8 |
| ACT 10- 5 HV* | 5 | 34.0 | 10 | 9.00 | 4.5 | 6.0 | 10 | 6 |
| ACT 10- 6 HV* | 6 | 34.5 | 10 | 9.50 | 4.5 | 6.0 | 10 | 6 |
| ACT 10- 8 HV* | 8 | 37.0 | 10 | 12.00 | 4.5 | 8.5 | 10 | 6 |
| ACT 16- 6 HV* | 6 | 43.5 | 20 | 12.00 | 5.5 | 8.5 | 16 | 6 |
| ACT 16- 8 HV* | 8 | 46.0 | 20 | 12.00 | 5.5 | 8.5 | 16 | 6 |
| ACT 16- 10 HV* | 10 | 48.0 | 20 | 15.00 | 5.5 | 8.5 | 16 | 6 |
| ACT 16- 12 HV* | 12 | 49.0 | 20 | 17.00 | 5.5 | 10.0 | 16 | 6 |
| ACT 25- 6 HV* | 6 | 45.5 | 20 | 14.00 | 7.0 | 10.0 | 25 | 4 |
| ACT 25- 8 HV* | 8 | 48.0 | 20 | 14.00 | 7.0 | 10.0 | 25 | 4 |
| ACT 25- 10 HV* | 10 | 50.0 | 20 | 16.00 | 7.0 | 10.0 | 25 | 4 |
| ACT 25- 12 HV* | 12 | 51.0 | 20 | 17.00 | 7.0 | 12.5 | 25 | 4 |
| ACT 35- 6 HV* | 6 | 49.5 | 20 | 17.00 | 8.2 | 12.5 | 35 | 2 |
| ACT 35- 8 HV* | 8 | 52.0 | 20 | 17.00 | 8.2 | 12.5 | 35 | 2 |
| ACT 35- 10 HV* | 10 | 54.0 | 20 | 17.00 | 8.2 | 12.5 | 35 | 2 |
| ACT 35- 12 HV* | 12 | 55.0 | 20 | 18.00 | 8.2 | 12.5 | 35 | 2 |
| ACT 35 - 14 HV* | 14 | 56.5 | 20 | 21.00 | 8.2 | 14.5 | 35 | 2 |
| ACT 50 -8 HV* | 8 | 62.0 | 28 | 20.00 | 10.0 | 14.5 | 50 | 1 |
| ACT 50 -10 HV* | 10 | 64.0 | 28 | 20.00 | 10.0 | 14.5 | 50 | 1 |
| ACT 50 -12 HV* | 12 | 65.0 | 28 | 20.00 | 10.0 | 14.5 | 50 | 1 |
| ACT 50 -14 HV* | 14 | 66.5 | 28 | 20.00 | 10.0 | 14.5 | 50 | 1 |
| ACT 50 -16 HV* | 16 | 68.0 | 28 | 25.00 | 10.0 | 16.5 | 50 | 1 |
| ACT 70 -8 HV* | 8 | 65.0 | 28 | 24.00 | 11.5 | 16.5 | 70 | 2/0 |
| ACT 70 -10 HV* | 10 | 67.0 | 28 | 24.00 | 11.5 | 16.5 | 70 | 2/0 |
| ACT 70 - 12 HV* | 12 | 68.0 | 28 | 24.00 | 11.5 | 16.5 | 70 | 2/0 |

* UL LISTED
HV- HIGH VOLTAGE

| MODEL NO | DIMENSIONS | | | | | | CABLE SIZE | |
|------------------|------------|-------|-----|-------|------|------|-----------------|----------|
| | S | L | B | W | I | O | | |
| | MM | MM | MM | MM | MM | MM | mm ² | AWG |
| ACT 70 - 14 HV* | 14 | 69.5 | 28 | 24.00 | 11.5 | 16.5 | 70 | 2/0 |
| ACT 70 - 16 HV* | 16 | 71.0 | 28 | 27.00 | 11.5 | 16.5 | 70 | 2/0 |
| ACT 95 - 8 HV* | 8 | 77.0 | 35 | 27.00 | 13.5 | 19.0 | 95 | 3/0 |
| ACT 95 - 10 HV* | 10 | 77.0 | 35 | 27.00 | 13.5 | 19.0 | 95 | 3/0 |
| ACT 95 - 12 HV* | 12 | 78.0 | 35 | 27.00 | 13.5 | 19.0 | 95 | 3/0 |
| ACT 95 - 14 HV* | 14 | 79.5 | 35 | 27.00 | 13.5 | 19.0 | 95 | 3/0 |
| ACT 95 - 16 HV* | 16 | 81.0 | 35 | 27.00 | 13.5 | 19.0 | 95 | 3/0 |
| ACT 120 - 10 HV* | 10 | 85.0 | 35 | 30.50 | 15.5 | 21.0 | 120 | 250 MCM |
| ACT 120 - 12 HV* | 12 | 86.0 | 35 | 30.00 | 15.5 | 21.0 | 120 | 250 MCM |
| ACT 120 - 14 HV* | 14 | 88.0 | 35 | 30.00 | 15.5 | 21.0 | 120 | 250 MCM |
| ACT 120 - 16 HV* | 16 | 89.0 | 35 | 30.00 | 15.5 | 21.0 | 120 | 250 MCM |
| ACT 120 - 20 HV* | 20 | 91.0 | 35 | 30.00 | 15.5 | 21.0 | 120 | 250 MCM |
| ACT 150 - 10 HV* | 10 | 93.0 | 35 | 34.00 | 15.5 | 23.5 | 150 | 300 MCM |
| ACT 150 - 12 HV* | 12 | 94.0 | 35 | 34.00 | 17.0 | 23.5 | 150 | 300 MCM |
| ACT 150 - 14 HV* | 14 | 97.0 | 35 | 34.00 | 17.0 | 23.5 | 150 | 300 MCM |
| ACT 150 - 16 HV* | 16 | 97.0 | 35 | 34.00 | 17.0 | 23.5 | 150 | 300 MCM |
| ACT 150 - 20 HV* | 20 | 99.0 | 35 | 34.00 | 17.0 | 23.5 | 150 | 300 MCM |
| ACT 185 - 10 HV* | 10 | 97.0 | 40 | 37.00 | 17.0 | 25.5 | 185 | 400 MCM |
| ACT 185 - 12 HV* | 12 | 98.0 | 40 | 37.00 | 19.0 | 25.5 | 185 | 400 MCM |
| ACT 185 - 14 HV* | 14 | 101.0 | 40 | 37.00 | 19.0 | 25.5 | 185 | 400 MCM |
| ACT 185 - 16 HV* | 16 | 101.0 | 40 | 37.00 | 19.0 | 25.5 | 185 | 400 MCM |
| ACT 185 - 20 HV* | 20 | 103.0 | 40 | 37.00 | 19.0 | 25.5 | 185 | 400 MCM |
| ACT 240 - 12 HV* | 12 | 108.0 | 40 | 42.00 | 19.0 | 29.0 | 240 | 500 MCM |
| ACT 240 - 14 HV* | 14 | 111.0 | 40 | 42.00 | 21.5 | 29.0 | 240 | 500 MCM |
| ACT 240 - 16 HV* | 16 | 111.0 | 40 | 42.00 | 21.5 | 29.0 | 240 | 500 MCM |
| ACT 240 - 20 HV* | 20 | 113.0 | 40 | 42.00 | 21.5 | 29.0 | 240 | 500 MCM |
| ACT 300 - 14 HV* | 14 | 119.0 | 50 | 46.50 | 21.5 | 32.0 | 300 | 600 MCM |
| ACT 300 - 16 HV* | 16 | 119.0 | 50 | 46.50 | 24.5 | 32.0 | 300 | 600 MCM |
| ACT 300 - 20 HV* | 20 | 122.0 | 50 | 46.50 | 24.5 | 32.0 | 300 | 600 MCM |
| ACT 400 - 14 HV* | 14 | 140.0 | 70 | 54.00 | 27.5 | 38.5 | 400 | 750 MCM |
| ACT 400 - 16 HV* | 16 | 140.0 | 70 | 54.00 | 27.5 | 38.5 | 400 | 750 MCM |
| ACT 400 - 20 HV* | 20 | 140.0 | 70 | 54.00 | 27.5 | 38.5 | 400 | 750 MCM |
| ACT 500 - 14 HV | 14 | 150.0 | 70 | 60.00 | 31.0 | 42.0 | 500 | 1000 MCM |
| ACT 500 - 16 HV | 16 | 150.0 | 70 | 60.00 | 31.0 | 42.0 | 500 | 1000 MCM |
| ACT 500 - 20 HV | 20 | 150.0 | 70 | 60.00 | 31.0 | 42.0 | 500 | 1000 MCM |
| ACT 630 - 16 HV | 16 | 160.0 | 80 | 60.00 | 34.5 | 44.0 | 630 | 1235 MCM |
| ACT 630 - 20 HV | 20 | 160.0 | 80 | 60.00 | 34.5 | 44.0 | 630 | 1235 MCM |
| ACT 800 - 14 HV | 14 | 195.0 | 100 | 75.00 | 40.0 | 52.0 | 800 | 1580 MCM |
| ACT 800 - 16 HV | 16 | 195.0 | 100 | 75.00 | 40.0 | 52.0 | 800 | 1580 MCM |
| ACT 800 - 18 HV | 18 | 195.0 | 100 | 75.00 | 40.0 | 52.0 | 800 | 1580 MCM |
| ACT 800 - 20 HV | 20 | 195.0 | 100 | 75.00 | 40.0 | 52.0 | 800 | 1580 MCM |
| ACT 1000 - 16 HV | 16 | 195.0 | 100 | 85.00 | 44.0 | 58.0 | 1000 | 1975 MCM |
| ACT 1000 - 20 HV | 20 | 195.0 | 100 | 85.00 | 44.0 | 58.0 | 1000 | 1975 MCM |

* UL LISTED
HV- HIGH VOLTAGE



CU BLANK LUGS

Aftec copper blank lugs are manufactured from high voltage conductivity seamless copper tubing. Long barrel maximizes number of crimps for added mechanical strength and electrical performance which can be used for high and voltage application up to 1000 V provided proper high voltage insulation methods are used.

Technical Data

Application : For outdoor applications like industries oil rigs welding and transportation.

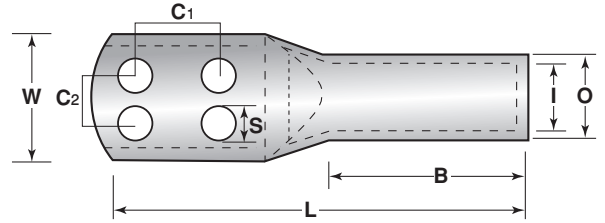
Material : 99.9% Copper

Plating : Electro tin plated

Voltage : 600V to 1000V & 33 KV available on request

| MODEL NO | DIMENSIONS | | | | | | CABLE SIZE | |
|-------------|------------|-----|----|-------|------|------|-----------------|----------|
| | S | L | B | W | I | O | mm ² | AWG |
| | MM | MM | MM | MM | MM | MM | | |
| ACT 10-BL | BLANK | 37 | 10 | 17.00 | 4.7 | 7.1 | 10 | 8 |
| ACT 16-BL | BLANK | 46 | 19 | 17.00 | 5.5 | 7.9 | 16 | 6 |
| ACT 25-BL | BLANK | 48 | 21 | 17.00 | 7.1 | 9.5 | 25 | 4 |
| ACT 35-BL | BLANK | 50 | 21 | 17.00 | 8.2 | 11.2 | 35 | 2 |
| ACT 50-BL | BLANK | 52 | 22 | 22.00 | 9.5 | 12.8 | 50 | 1 |
| ACT 70-BL | BLANK | 64 | 20 | 27.00 | 11.2 | 14.7 | 70 | 2/0 |
| ACT 95-BL | BLANK | 64 | 27 | 28.00 | 13.4 | 17.4 | 95 | 3/0 |
| ACT 120-BL | BLANK | 81 | 30 | 32.00 | 15.6 | 20.6 | 120 | 4/0 |
| ACT 150-BL | BLANK | 80 | 30 | 32.00 | 16.7 | 22.5 | 150 | 300 MCM |
| ACT 185-BL | BLANK | 84 | 32 | 38.00 | 18.4 | 24.2 | 185 | 350 MCM |
| ACT 240-BL* | BLANK | 92 | 38 | 40.00 | 21.2 | 28.2 | 240 | 500 MCM |
| ACT-300-BL* | BLANK | 101 | 42 | 45.00 | 23.5 | 31.3 | 300 | 600 MCM |
| ACT-400-BL* | BLANK | 116 | 44 | 50.00 | 26.8 | 34.8 | 400 | 750 MCM |
| ACT 500BL | BLANK | 126 | 50 | 55.50 | 30 | 39 | 500 | 1000 MCM |
| ACT 630-BL | BLANK | 146 | 51 | 64.50 | 35 | 44.7 | 630 | 1235 MCM |
| ACT 800-BL | BLANK | 171 | 77 | 72.50 | 39 | 50.6 | 800 | 1580 MCM |
| ACT 1000-BL | BLANK | 202 | 90 | 80.5 | 43 | 56.2 | 1000 | 1975 MCM |

* UL -LISTED



CU FOUR HOLE LUGS

Aftec copper four hole lugs are manufactured from high voltage conductivity seamless copper tubing. The presence of an inspection hole assists the full insertion of the cable into the barrel.

Technical Data

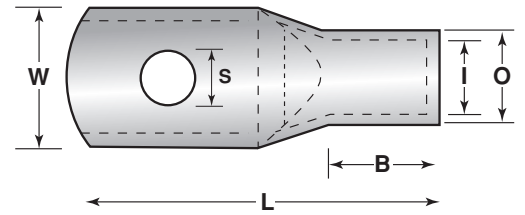
Application : For wire bending and terminating applications. In confined power distribution transformers and panels.

Material : 99.9% Copper

Plating : Electro tin plated

Voltage : 600 V to 1000 V

| MODEL NO | DIMENSIONS | | | | | | | | CABLE SIZE | |
|-------------|------------|-----|----|-------|------|------|------|------|-----------------|----------|
| | S | L | B | W | I | O | C1 | C2 | mm ² | AWG |
| | MM | MM | MM | MM | MM | MM | MM | MM | | |
| ACT 300-4H | 8.5 | 115 | 42 | 58.0 | 23.5 | 30 | 16.3 | 16.3 | 300 | 600 MCM |
| ACT 400-4H | 8.5 | 120 | 44 | 58.0 | 26.8 | 34.8 | 16.3 | 16.3 | 400 | 750 MCM |
| ACT 500-4H | 8.5 | 124 | 48 | 56.0 | 30 | 39 | 16.3 | 16.3 | 500 | 1000 MCM |
| ACT 630-4H | 8.5 | 144 | 56 | 65.0 | 35 | 45 | 20.3 | 20.3 | 630 | 1235 MCM |
| ACT 800-4H | 8.5 | 171 | 77 | 71.50 | 39 | 50.6 | 30 | 30 | 800 | 1580 MCM |
| ACT 1000-4H | 8.5 | 202 | 90 | 80.5 | 43 | 56.2 | 40 | 40 | 1000 | 1975 MCM |



CU ONE HOLE FLARED LUGS

Aftec copper flared lugs are manufactured from high conductivity seamless copper tubing. Flared entry prevents back bend strands when inserting multi strand cables into barrel. The presence of an inspection hole assists the full insertion of the cable into the barrel.

Technical Data

Material : 99.9% Copper.

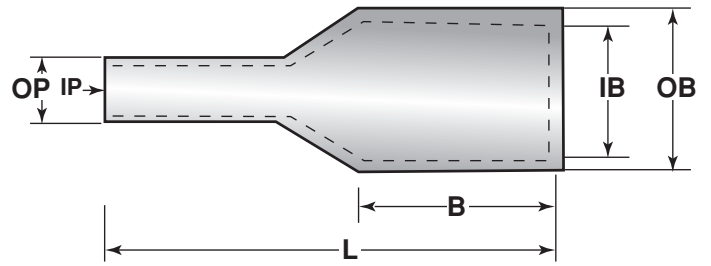
Plating : Electro tin plated.

Voltage : 600 V to 1000 V

| MODEL NO | DIMENSIONS | | | | | | CABLE SIZE | |
|--------------|------------|-------|-------|-------|-------|-------|-----------------|-----|
| | S | L | B | W | I | O | mm ² | AWG |
| | MM | MM | MM | MM | MM | MM | | |
| ACT 10-5F* | 5 | 36.50 | 13.97 | 11.58 | 4.72 | 6.35 | 10 | 8 |
| ACT 10-6F* | 6 | 36.50 | 13.97 | 11.58 | 4.72 | 6.35 | 10 | 8 |
| ACT 10-8F* | 8 | 36.50 | 13.97 | 11.58 | 4.72 | 6.35 | 10 | 8 |
| ACT 10-10F* | 10 | 41.00 | 13.97 | 14.48 | 4.72 | 6.35 | 10 | 8 |
| ACT 10-12F* | 12 | 48.00 | 13.97 | 16.50 | 4.72 | 6.35 | 10 | 8 |
| ACT 16-5F* | 5 | 32.64 | 13.97 | 13.72 | 5.89 | 7.92 | 16 | 6 |
| ACT 16-6F* | 6 | 32.64 | 13.97 | 13.72 | 5.89 | 7.92 | 16 | 6 |
| ACT 16-8F* | 8 | 32.64 | 13.97 | 13.72 | 5.89 | 7.92 | 16 | 6 |
| ACT 16-10F* | 10 | 32.64 | 13.97 | 15.00 | 5.89 | 7.92 | 16 | 6 |
| ACT 16-12F* | 12 | 42.55 | 13.97 | 16.50 | 5.89 | 7.92 | 16 | 6 |
| ACT 25-5F* | 8 | 40.64 | 14.73 | 13.72 | 7.14 | 9.04 | 25 | 4 |
| ACT 25-6F* | 6 | 40.64 | 14.73 | 13.72 | 7.14 | 9.04 | 25 | 4 |
| ACT 25-8F* | 8 | 40.64 | 14.73 | 13.72 | 7.14 | 9.04 | 25 | 4 |
| ACT 25-10F* | 10 | 40.64 | 14.73 | 14.48 | 7.14 | 9.04 | 25 | 4 |
| ACT 25-12F* | 12 | 40.64 | 14.73 | 16.50 | 7.14 | 9.04 | 25 | 4 |
| ACT 35-6F* | 6 | 45.40 | 17.50 | 16.51 | 8.43 | 10.67 | 35 | 2 |
| ACT 35-8F* | 8 | 45.40 | 17.50 | 16.51 | 8.43 | 10.67 | 35 | 2 |
| ACT 35-10F* | 10 | 45.40 | 17.50 | 16.51 | 8.43 | 10.67 | 35 | 2 |
| ACT 35-12F* | 12 | 45.40 | 17.50 | 16.51 | 8.43 | 10.67 | 35 | 2 |
| ACT 35-6HF* | 6 | 46.00 | 18.00 | 16.70 | 8.94 | 11.18 | 35 | 2 |
| ACT 35-8HF* | 8 | 46.00 | 18.00 | 16.70 | 8.94 | 11.18 | 35 | 2 |
| ACT 35-10HF* | 10 | 46.00 | 18.00 | 16.70 | 8.94 | 11.18 | 35 | 2 |
| ACT 35-12HF* | 12 | 46.00 | 18.00 | 16.70 | 8.94 | 11.18 | 35 | 2 |
| ACT 50-6F* | 6 | 49.50 | 19.30 | 18.50 | 10.19 | 12.65 | 50 | 1 |
| ACT 50-8F* | 8 | 49.50 | 19.30 | 18.50 | 10.19 | 12.65 | 50 | 1 |
| ACT 50-10F* | 10 | 49.50 | 19.30 | 18.50 | 10.19 | 12.65 | 50 | 1 |
| ACT 50-12F* | 12 | 49.50 | 19.30 | 18.50 | 10.19 | 12.65 | 50 | 1 |
| ACT 70-6F* | 6 | 57.00 | 21.00 | 20.83 | 11.58 | 14.22 | 70 | 2/0 |
| ACT 70-8F* | 8 | 57.00 | 21.00 | 20.83 | 11.58 | 14.22 | 70 | 2/0 |
| ACT 70-10F* | 10 | 57.00 | 21.00 | 20.83 | 11.58 | 14.22 | 70 | 2/0 |
| ACT 70-12F* | 12 | 57.00 | 21.00 | 20.83 | 11.58 | 14.22 | 70 | 2/0 |
| ACT 95-6F* | 6 | 59.00 | 21.46 | 22.96 | 12.93 | 15.62 | 95 | 3/0 |
| ACT 95-12F* | 12 | 59.00 | 21.46 | 22.96 | 12.93 | 15.62 | 95 | 3/0 |
| ACT 120-10F* | 10 | 66.29 | 23.11 | 26.31 | 14.94 | 17.63 | 120 | 4/0 |
| ACT 120-12F* | 12 | 66.29 | 23.11 | 26.31 | 14.94 | 17.63 | 120 | 4/0 |

* UL LISTED

H - HIGH VOLTAGE



CU PIN TYPE LUGS

Aftec copper pin type lugs are manufactured from High Conductivity seamless copper tubing. The barrel enhances mechanical and electrical performance and pin may be inserted in copper connectors for terminating conductors.

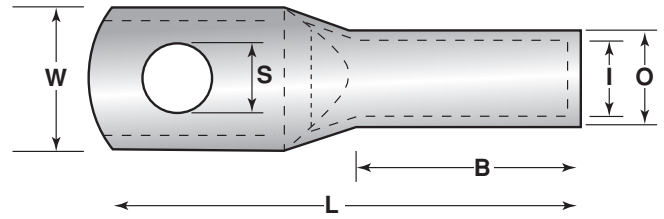
Technical Data

Material : 99.9% Copper

Plating : Electro tin plated

Voltage : 600 V to 1000 V & 33 KV available on request

| MODEL NO | DIMENSIONS | | | | | | CABLE SIZE | |
|----------|------------|-------|------|------|-------|-------|-----------------|----------|
| | L | B | IB | OB | IP | OP | mm ² | AWG |
| | MM | MM | MM | MM | MM | MM | | |
| ACP-4 | 20 | 6 | 2.8 | 4.7 | 3.3 | 3.8 | 4 | 12 |
| ACP-6 | 20 | 6 | 3.1 | 4.7 | 4 | 4.5 | 6 | 10 |
| ACP-10 | 23 | 9 | 3.8 | 5.5 | 4 | 4.5 | 10 | 8 |
| ACP-16 | 32 | 12 | 5.3 | 7.1 | 5.5 | 6 | 16 | 6 |
| ACP-25 | 32 | 12 | 7 | 9 | 5.5 | 6 | 25 | 4 |
| ACP-35 | 37 | 12 | 8 | 10 | 6.5 | 7.5 | 35 | 2 |
| ACP-50 | 41 | 16 | 9.2 | 11.2 | 6.5 | 7.5 | 50 | 1 |
| ACP-70 | 43 | 18 | 11.5 | 13.8 | 6.5 | 7.5 | 70 | 2/0 |
| ACP-95 | 51 | 20 | 12.8 | 15.6 | 10.5 | 11.5 | 95 | 3/0 |
| ACP-120 | 50 | 22 | 14.8 | 17.8 | 6.5 | 7.5 | 120 | 4/0 |
| ACP-150 | 64 | 26 | 16 | 19.6 | 14 | 15.6 | 150 | 300 MCM |
| ACP-185 | 70 | 32 | 18 | 22 | 14 | 15.6 | 185 | 350 MCM |
| ACP-240 | 88 | 38 | 22 | 26 | 15 | 16 | 240 | 500 MCM |
| ACP-300 | 92 | 42 | 24 | 28.7 | 15 | 16 | 300 | 600 MCM |
| ACP-400 | 90 | 46 | 27 | 33.2 | 14 | 16 | 400 | 750 MCM |
| ACP-500 | 98.23 | 52.41 | 30.7 | 36 | 13.85 | 15.95 | 500 | 1000 MCM |
| ACP-630 | 102 | 56.45 | 35.3 | 41.7 | 14.1 | 15.97 | 630 | 1235 MCM |



CU ONE HOLE COLOR CODED LUGS

Aftec copper one hole color coded lugs are manufactured from high conductivity seamless copper tubing. Color coding are for proper matching of dies and cable sizing. Crimping is made between or on these color bands. The presence of an inspection hole assists the full insertion of the conductor into the barrel.

Technical Data

Application : For wire bending and terminating application confined power distribution panels and other enclosures.

Material : 99.9% Copper

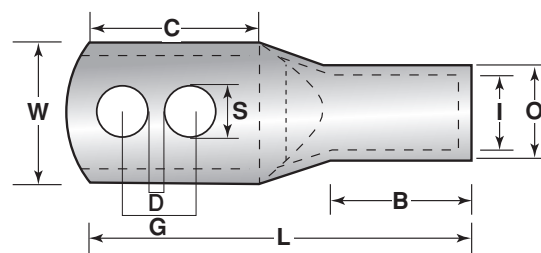
Plating : Electro tin plated

Marking : Color matches die and cable size

Voltage : 600 V to 1000 V

| MODEL NO | COLOR | DIMENSIONS | | | | | | CABLE SIZE | |
|------------------|--------|------------|-------|-------|-------|-------|-------|-----------------|-----|
| | | S | L | B | W | I | O | mm ² | AWG |
| | | MM | MM | MM | MM | MM | MM | | |
| ACT 10-6 HVCC* | RED | 6 | 28.50 | 10.01 | 11.99 | 4.70 | 7.01 | 10 | 8 |
| ACT 10-8 HVCC* | | 8 | 35.00 | 10.01 | 13.00 | 4.70 | 7.01 | 10 | 8 |
| ACT 10-10 HVCC* | | 10 | 38.99 | 10.01 | 15.00 | 4.70 | 7.01 | 10 | 8 |
| ACT 10-12 HVCC* | | 12 | 42.01 | 10.01 | 17.00 | 4.70 | 7.01 | 10 | 8 |
| ACT 16-6 HVCC* | BLUE | 6 | 33.25 | 13.00 | 11.99 | 5.41 | 8.51 | 16 | 6 |
| ACT 16-8 HVCC* | | 8 | 37.49 | 13.00 | 14.00 | 5.41 | 8.51 | 16 | 6 |
| ACT 16-10 HVCC* | | 10 | 41.50 | 13.00 | 15.00 | 5.41 | 8.51 | 16 | 6 |
| ACT 16-12 HVCC* | | 12 | 44.98 | 13.00 | 17.00 | 5.41 | 8.51 | 16 | 6 |
| ACT 25-6 HVCC* | GREY | 6 | 37.49 | 15.01 | 14.00 | 6.96 | 10.01 | 25 | 4 |
| ACT 25-8 HVCC* | | 8 | 42.01 | 15.01 | 17.00 | 6.96 | 10.01 | 25 | 4 |
| ACT 25-10 HVCC* | | 10 | 46.00 | 15.01 | 16.00 | 6.96 | 10.01 | 25 | 4 |
| ACT 25-12 HVCC* | | 12 | 48.01 | 15.01 | 17.00 | 6.96 | 10.01 | 25 | 4 |
| ACT 35-6 HVCC* | PINK | 6 | 47.02 | 20.00 | 20.00 | 9.88 | 14.00 | 35 | 2 |
| ACT 35-8 HVCC* | | 8 | 47.02 | 20.00 | 20.00 | 9.88 | 14.00 | 35 | 2 |
| ACT 35-10 HVCC* | | 10 | 51.00 | 20.00 | 19.99 | 9.88 | 14.00 | 35 | 2 |
| ACT 35-12 HVCC* | | 12 | 56.01 | 20.00 | 21.00 | 9.88 | 14.00 | 35 | 2 |
| ACT 50-6 HVCC* | BLACK | 6 | 50.01 | 20.00 | 22.00 | 11.38 | 15.49 | 50 | 1 |
| ACT 50-8 HVCC* | | 8 | 50.01 | 20.00 | 22.00 | 11.38 | 15.49 | 50 | 1 |
| ACT 50-10 HVCC* | | 10 | 54.00 | 20.00 | 22.00 | 11.38 | 15.49 | 50 | 1 |
| ACT 50-12 HVCC* | | 12 | 58.01 | 20.00 | 23.01 | 11.38 | 15.49 | 50 | 1 |
| ACT 70-8 HVCC* | ORANGE | 8 | 52.40 | 21.01 | 23.01 | 11.94 | 16.51 | 70 | 2/0 |
| ACT 70-10 HVCC* | | 10 | 55.01 | 21.01 | 23.01 | 11.94 | 16.51 | 70 | 2/0 |
| ACT 70-12 HVCC* | | 12 | 59.00 | 21.01 | 23.01 | 11.94 | 16.51 | 70 | 2/0 |
| ACT 95-10 HVCC* | PURPLE | 10 | 59.99 | 24.99 | 26.01 | 13.39 | 18.01 | 95 | 3/0 |
| ACT 95-12 HVCC* | | 12 | 62.00 | 24.99 | 26.01 | 13.39 | 18.01 | 95 | 3/0 |
| ACT 120-10 HVCC* | YELLOW | 10 | 65.00 | 26.01 | 27.99 | 15.06 | 19.51 | 120 | 4/0 |
| ACT 120-12 HVCC* | | 12 | 65.00 | 26.01 | 27.99 | 15.06 | 19.51 | 120 | 4/0 |

* UL LISTED



CU TWO HOLE COLOR CODED LUGS

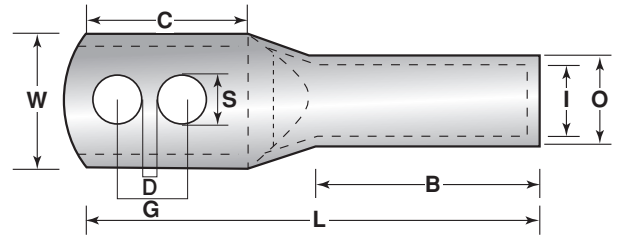
Aftec copper two hole color coded lugs are manufactured from high conductivity seamless copper tubing. Short barrel lugs are ideal for confined area. Color coding are for proper matching of dies and cable sizing.

Technical Data

- Application : Short barrel lugs designed for regular duty with limited space application.
- Material : 99.9% Copper
- Plating : Electro tin plated
- Marking : Color matches die and cable size.
- Voltage : 600 V to 1000 V

| MODEL NO. | COLOR | DIMENSIONS | | | | | | | | | CABLE SIZE | |
|--------------------|--------|------------|------|------|------|-------|------|-------|-------|------|-----------------|---------|
| | | S | L | B | W | I | O | C | D | G | mm ² | AWG |
| | | MM | MM | MM | MM | MM | MM | MM | MM | MM | | |
| ACT 10-2x5CC * | RED | 5.3 | 46.2 | 11.2 | 10.7 | 4.4 | 6.9 | 15.90 | 3.0 | 7.1 | 10 | 8 |
| ACT 16-2x6CC * | BLUE | 6.4 | 53 | 18 | 10.7 | 5.2 | 7.5 | 15.90 | 3.0 | 7.1 | 16 | 6 |
| ACT 16-2x6LCC * | | 6.4 | 67 | 18 | 10.7 | 5.2 | 7.5 | 25.40 | 3.0 | 7.1 | 16 | 6 |
| ACT 16-2x10CC * | GREY | 10.5 | 67 | 18 | 14.5 | 5.2 | 7.5 | 25.40 | 3.0 | 9.7 | 16 | 6 |
| ACT 25-2x6CC * | | 6.4 | 53 | 18 | 12.4 | 6.4 | 8.7 | 15.90 | 3.0 | 7.1 | 25 | 4 |
| ACT 25-2x6LCC * | | 6.4 | 68 | 19 | 12.4 | 6.4 | 8.7 | 25.40 | 3.0 | 7.1 | 25 | 4 |
| ACT 25-2x10CC * | BROWN | 10.5 | 68 | 19 | 14.5 | 6.4 | 8.7 | 25.40 | 3.0 | 9.7 | 25 | 4 |
| ACT 35-2x8CC * | | 8.4 | 66.6 | 21 | 15.3 | 8 | 10.7 | 19.10 | 4.0 | 8.1 | 35 | 2 |
| ACT 35-2x6CC * | | 6.4 | 58 | 21 | 15.3 | 8 | 10.7 | 15.90 | 4.0 | 7.1 | 35 | 2 |
| ACT 35-2x10CC * | | 10.5 | 72 | 21 | 15.3 | 8 | 10.7 | 25.40 | 4.0 | 7.1 | 35 | 2 |
| ACT 35-2x6LCC * | GREEN | 6.4 | 60 | 21 | 15.3 | 8 | 10.7 | 19.10 | 4.0 | 7.1 | 35 | 2 |
| ACT 35-2x6XLCC * | | 6.4 | 71 | 21 | 15.3 | 8 | 10.7 | 25.40 | 4.0 | 7.1 | 35 | 2 |
| ACT 35H-2x6CC * | | 6.4 | 58 | 21 | 17.1 | 9.1 | 11.9 | 15.90 | 4.0 | 7.1 | 35 | 2 |
| ACT 50-2x8CC * | PINK | 8.4 | 67.1 | 21 | 18.9 | 9.9 | 13.2 | 22.20 | 5.0 | 8.1 | 50 | 1 |
| ACT 50-2x10CC * | BLACK | 10.5 | 72 | 21 | 18.9 | 9.9 | 13.2 | 25.40 | 5.0 | 9.7 | 50 | 1 |
| ACT 70-2x10CC * | | 10.5 | 76 | 24 | 20.7 | 11.2 | 14.3 | 25.40 | 6.0 | 9.7 | 70 | 2/0 |
| ACT 70-2x12CC * | ORANGE | 13 | 106 | 24 | 20.7 | 11.2 | 14.3 | 44.50 | 6.0 | 15.7 | 70 | 2/0 |
| ACT 95-2x12CC * | | 13 | 109 | 25 | 22.9 | 12.5 | 15.8 | 44.50 | 8.0 | 15.7 | 95 | 3/0 |
| ACT 95-2x10CC * | PURPLE | 10.5 | 79 | 25 | 22.9 | 12.5 | 15.8 | 25.40 | 8.0 | 9.7 | 95 | 3/0 |
| ACT 95H-2x12CC * | | 13 | 109 | 25 | 25.4 | 13.9 | 17.5 | 44.50 | 8.0 | 15.7 | 95 | 3/0 |
| ACT 95H-2x10CC * | | 10.5 | 79 | 25 | 25.4 | 13.9 | 17.5 | 25.40 | 8.0 | 9.7 | 95 | 3/0 |
| ACT 120-2x12CC * | YELLOW | 13 | 112 | 27 | 27.7 | 15.1 | 19.1 | 44.50 | 8.0 | 15.7 | 120 | 4/0 |
| ACT 120-2x10CC * | | 10.5 | 82 | 27 | 27.7 | 15.1 | 19.1 | 25.40 | 8.0 | 9.7 | 120 | 4/0 |
| ACT 150-2x12CC * | WHITE | 13 | 112 | 27 | 30.2 | 16.7 | 20.7 | 44.50 | 9.0 | 15.7 | 150 | 300 MCM |
| ACT 150H-2x12CC * | RED | 13 | 115 | 28 | 32.4 | 17.8 | 22.2 | 44.50 | 9.0 | 15.7 | 150 | 300 MCM |
| ACT 150H-2x10CC * | | 10.5 | 85 | 28 | 32.4 | 17.8 | 22.2 | 25.40 | 9.0 | 9.7 | 150 | 300 MCM |
| ACT 185-2x12CC * | BLUE | 13 | 119 | 30 | 35.2 | 19.4 | 24.1 | 44.50 | 11.0 | 15.7 | 185 | 350 MCM |
| ACT 185-2x12LCC * | | 13 | 122 | 30 | 35.7 | 19.4 | 24.1 | 44.50 | 11.0 | 15.7 | 185 | 350 MCM |
| ACT 240-2x12CC * | BROWN | 13 | 124 | 35 | 39.1 | 21.3 | 27 | 44.50 | 13.0 | 15.7 | 240 | 500 MCM |
| ACT 240-2x10CC * | | 10.5 | 94 | 35 | 39.1 | 21.3 | 27 | 25.40 | 13.0 | 9.7 | 240 | 500 MCM |
| ACT 300-2x12CC * | GREEN | 13 | 126 | 38 | 43.6 | 23.5 | 30.2 | 44.50 | 14.0 | 15.7 | 300 | 600 MCM |
| ACT 300-2x12LCC * | | 13 | 128 | 38 | 43.6 | 23.5 | 30.2 | 44.50 | 14.0 | 15.7 | 300 | 600 MCM |
| ACT 300-2x12XLCC * | | 13 | 129 | 35 | 43.7 | 23.5 | 30.2 | 44.50 | 14.0 | 15.7 | 300 | 600 MCM |
| ACT 300-2x10CC * | PINK | 10.5 | 104 | 36 | 43.7 | 23.5 | 30.2 | 25.40 | 21.0 | 9.7 | 300 | 600 MCM |
| ACT 300H-2x12CC * | | 13 | 129 | 35 | 45.2 | 24.75 | 31.5 | 44.50 | 21.0 | 15.7 | 300 | 600 MCM |
| ACT 400-2x12CC * | | BLACK | 13 | 140 | 47 | 48.3 | 26.5 | 33.3 | 44.50 | 17.0 | 15.7 | 400 |

* UL LISTED



CU TWO HOLE LONG BARREL COLOR CODED LUGS

Aftec copper two hole long barrel color coded lugs are manufactured from high conductivity seamless copper tubing. Long barrel maximizes number of crimps for added mechanical strength and electrical performance which can be used for high voltage insulation up to 33 KV provided high voltage insulation methods are used. Color coding are for proper matching of dies and cable sizing. The absence of an inspection hole prevents the entry of water or moisture into the crimped joint.

Technical Data

Application : For wire bending and terminating application, Ideal for industries, Oil rigs welding and transportation.

Material : 99.9% Copper

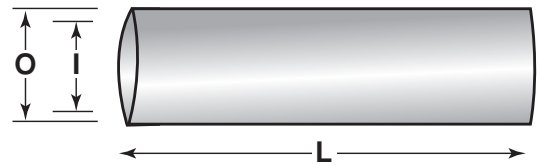
Plating : Electro tin plated

Marking : Color matches die and cable size

Voltage : 0.6 KV to 33 KV

| MODEL NO. | COLOR | DIMENSIONS | | | | | | | | | CABLE SIZE | |
|----------------------|--------|------------|------|------|------|------|------|-------|------|------|-----------------|---------|
| | | S | L | B | W | I | O | C | D | G | mm ² | AWG |
| ACT 10-2X5 LBCC * | RED | 5.3 | 55.5 | 20.5 | 10.7 | 4.4 | 6.9 | 15.90 | 3.0 | 7.1 | 10 | 8 |
| ACT 10-2X6 LBCC * | | 6.4 | 55.5 | 20.5 | 10.7 | 4.4 | 6.9 | 15.90 | 3.0 | 7.1 | 10 | 8 |
| ACT 16-2X6 LBCC * | BLUE | 6.4 | 57 | 25 | 10.7 | 5.2 | 7.5 | 12.70 | 3.0 | 7.1 | 16 | 6 |
| ACT 16-2X12 LBCC * | | 13 | 104 | 25 | 18.0 | 5.2 | 7.5 | 44.50 | 3.0 | 15.7 | 16 | 6 |
| ACT 16-2X10LBCC * | | 10.5 | 74 | 25 | 10.7 | 5.2 | 7.5 | 25.40 | 3.0 | 9.7 | 16 | 6 |
| ACT 25-2X6 LBCC * | GREY | 6.4 | 60 | 25 | 12.4 | 6.4 | 8.7 | 15.90 | 3.0 | 7.1 | 25 | 4 |
| ACT 25-2X10 LBCC * | | 10.5 | 75 | 25 | 10.7 | 6.4 | 8.7 | 25.40 | 3.0 | 9.7 | 25 | 4 |
| ACT 25-2X12 LBCC * | | 13 | 104 | 25 | 22 | 6.4 | 8.7 | 44.50 | 3.0 | 15.7 | 25 | 4 |
| ACT 35-2X8 LBCC * | BROWN | 8.4 | 73 | 28 | 15.3 | 8 | 10.7 | 19.10 | 4.0 | 8.1 | 35 | 2 |
| ACT 35-2X10 LBCC * | | 10.5 | 78 | 28 | 15.3 | 8 | 10.7 | 25.40 | 4.0 | 9.7 | 35 | 2 |
| ACT 35-2X6 LBCC * | | 6.4 | 64 | 28 | 15.3 | 8 | 10.7 | 15.90 | 4.0 | 7.1 | 35 | 2 |
| ACT 35-2X12 LBCC * | | 13 | 108 | 28 | 20.5 | 8 | 10.7 | 44.50 | 4.0 | 15.7 | 35 | 2 |
| ACT 70-2X10 LBCC * | BLACK | 10.5 | 87 | 35 | 20.7 | 11.2 | 14.3 | 25.40 | 6.0 | 9.7 | 70 | 2/0 |
| ACT 70-2X6 LBCC * | | 6.4 | 76 | 35 | 20.7 | 11.2 | 14.3 | 19.10 | 6.0 | 7.1 | 70 | 2/0 |
| ACT 70-2X12 LBCC * | | 13 | 117 | 35 | 20.7 | 11.2 | 14.3 | 44.50 | 6.0 | 15.7 | 70 | 2/0 |
| ACT 95-2X8 LBCC * | ORANGE | 8.4 | 89 | 35 | 22.9 | 12.5 | 15.8 | 25.40 | 8.0 | 8.1 | 95 | 3/0 |
| ACT 95-2X10 LBCC * | | 10.5 | 89 | 35 | 22.9 | 12.5 | 15.8 | 25.40 | 8.0 | 9.7 | 95 | 3/0 |
| ACT 95-2X12 LBCC * | | 13 | 118 | 35 | 22.9 | 12.5 | 15.8 | 44.50 | 8.0 | 15.7 | 95 | 3/0 |
| ACT 120-2X10 LBCC * | YELLOW | 10.5 | 96 | 41 | 27.7 | 15.1 | 19.1 | 25.40 | 9.0 | 9.7 | 120 | 4/0 |
| ACT 120-2X12 LBCC * | | 13 | 126 | 41 | 27.7 | 15.1 | 19.1 | 44.50 | 9.0 | 15.7 | 120 | 4/0 |
| ACT 150-2X12 LBCC * | WHITE | 13 | 135 | 50 | 30.2 | 16.7 | 20.7 | 44.50 | 9.0 | 15.7 | 150 | 300 MCM |
| ACT 150H-2X10 LBCC * | RED | 10.5 | 107 | 50 | 32.4 | 17.8 | 22.2 | 25.40 | 11.0 | 9.7 | 150 | 350 MCM |
| ACT 185-2X12 LBCC * | BLUE | 13 | 139 | 50 | 35.2 | 19.4 | 24.1 | 44.50 | 13.0 | 15.7 | 185 | 350 MCM |
| ACT 240-2X12 LBCC * | BROWN | 13 | 146 | 57 | 39.1 | 21.3 | 27 | 44.50 | 13.0 | 15.7 | 240 | 500 MCM |
| ACT 240-2X10 LBCC * | | 10.5 | 116 | 57 | 39.1 | 21.3 | 27 | 25.40 | 13.0 | 9.7 | 240 | 500 MCM |
| ACT 300-2X12 LBCC * | GREEN | 13 | 147 | 57 | 43.6 | 23.5 | 30.2 | 44.50 | 14.0 | 15.7 | 300 | 600 MCM |
| ACT 300-2X10 LBCC * | | 10.5 | 117 | 57 | 43.6 | 23.5 | 30.2 | 25.40 | 14.0 | 9.7 | 300 | 600 MCM |
| ACT 400-2X12 LBCC * | BLACK | 13 | 160 | 67 | 48.3 | 26.5 | 33.3 | 44.50 | 17.0 | 15.7 | 400 | 750 MCM |
| ACT 400-2X10 LBCC * | | 10.5 | 130 | 67 | 48.3 | 26.5 | 33.3 | 25.40 | 17.0 | 9.7 | 400 | 750 MCM |

* UL LISTED



CU FERRULES

Aftec copper ferrules are manufactured from high conductivity seamless copper tubing. Short barrel are used for limited space applications which features an internal taper of wires at both ends and are easy to insulate with low installation cost.

Technical Data

Application : For regular duty application, to join broken cable or extend cables.

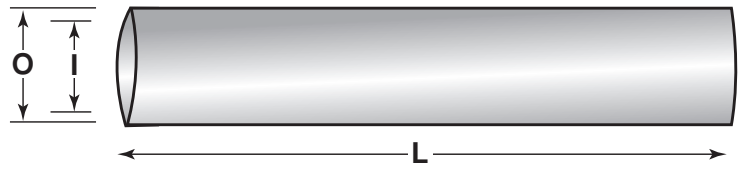
Material : 99.9% Copper

Plating : Electro tin plated

Voltage : 600 V to 1000 V

| MODEL NO | DIMENSIONS | | | CABLE SIZE | |
|--------------|------------|------|------|-----------------|----------|
| | L | I | O | mm ² | AWG |
| | MM | MM | MM | | |
| ACS 1.5-22* | 22 | 1.8 | 3.7 | 1.5 | 16 |
| ACS 2.5-22* | 22 | 2.4 | 4.0 | 2.5 | 14 |
| ACS 4-22* | 22 | 3.1 | 4.8 | 4 | 12 |
| ACS 6-22* | 22 | 3.8 | 5.5 | 6 | 10 |
| ACS 10-22* | 22 | 4.7 | 7.1 | 10 | 8 |
| ACS 16-44* | 44 | 5.5 | 7.9 | 16 | 6 |
| ACS 25-48* | 48 | 7.1 | 9.5 | 25 | 4 |
| ACS 35-48* | 48 | 8.2 | 11.2 | 35 | 2 |
| ACS 50-48* | 48 | 9.5 | 12.8 | 50 | 1 |
| ACS 70-52* | 52 | 11.2 | 14.7 | 70 | 2/0 |
| ACS 95-54* | 54 | 13.4 | 17.4 | 95 | 3/0 |
| ACS 120-66* | 66 | 15.6 | 20.6 | 120 | 4/0 |
| ACS 150-66* | 66 | 16.7 | 22.5 | 150 | 300 MCM |
| ACS 185-66* | 66 | 18.4 | 24.2 | 185 | 350 MCM |
| ACS 240-91* | 91 | 21.2 | 28.2 | 240 | 500 MCM |
| ACS 300-91* | 91 | 23.5 | 31.3 | 300 | 600 MCM |
| ACS 400-91* | 91 | 26.8 | 34.8 | 400 | 750 MCM |
| ACS 500-100 | 100 | 30 | 39 | 500 | 1000 MCM |
| ACS 630-120 | 120 | 35 | 45 | 630 | 1235 MCM |
| ACS 800-150 | 150 | 39 | 50.6 | 800 | 1580 MCM |
| ACS 1000-170 | 170 | 43 | 56.2 | 1000 | 1975 MCM |

* UL LISTED



CU LONG BARREL FERRULES

Aftec copper long barrel ferrules are manufactured from high conductivity seamless copper tubing. Long barrel maximizes number of crimps for added mechanical strength and electrical performance which can be used for high voltage insulation up to 33 KV, provided proper high voltage insulation methods are used. It features an internal taper of wires at both ends and easy to install.

Technical Data

Application : Heavy duty designs permits maximum crimps ideal for oil rigs, welding & transportation termination applications.

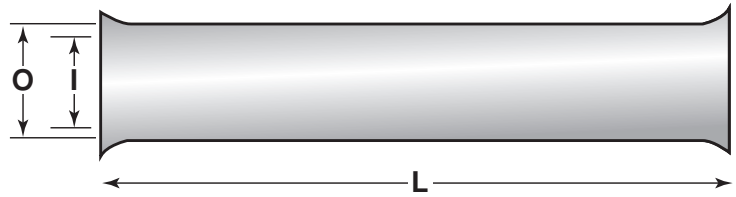
Material : 99.9% Copper

Plating : Electro tin plated

Voltage : 0.6 KV to 33 KV

| MODEL NO | DIMENSIONS | | | CABLE SIZE | |
|-----------------|------------|------|------|-----------------|---------|
| | L | I | O | mm ² | AWG |
| | MM | MM | MM | | |
| ACS 16-50 HV* | 50 | 5.5 | 8.5 | 16 | 6 |
| ACS 25-50 HV* | 50 | 7.0 | 10.0 | 25 | 4 |
| ACS 35-50 HV* | 50 | 8.2 | 12.5 | 35 | 2 |
| ACS 50-56 HV* | 56 | 10.0 | 14.5 | 50 | 1 |
| ACS 70-56 HV* | 56 | 11.5 | 16.5 | 70 | 2/0 |
| ACS 95-70 HV* | 70 | 13.5 | 19.0 | 95 | 3/0 |
| ACS 120 -70HV* | 70 | 15.5 | 21.0 | 120 | 4/0 |
| ACS 150 -80HV* | 80 | 17.0 | 23.5 | 150 | 300 MCM |
| ACS 185 -85HV* | 85 | 19.0 | 25.5 | 185 | 350 MCM |
| ACS 240-90 HV* | 90 | 21.5 | 29.0 | 240 | 500 MCM |
| ACS 300-100 HV* | 100 | 24.5 | 32.0 | 300 | 600 MCM |
| ACS 400-150 HV* | 150 | 27.5 | 38.5 | 400 | 750 MCM |

* UL LISTED
HV- HIGH VOLTAGE



CU FLARED FERRULES

Aftec copper flared ferrules are manufactured from high conductivity seamless copper tubing. Flared entry prevents back bend stands when inserting multi strand cables form both ends.

Technical Data

Application : For regular duty application.

Material : 99.9% Copper

Plating : Electro tin plated

Voltage : 600 V to 1000 V

| MODEL NO | DIMENSIONS | | | CABLE SIZE | |
|-------------------|------------|--------|--------|-----------------|-----|
| | L | I | O | mm ² | AWG |
| | MM | MM | MM | | |
| ACS 10-27.940 F* | 27.94 | 4.724 | 6.35 | 10 | 8 |
| ACS 16-29.210 F* | 29.21 | 5.593 | 7.925 | 16 | 6 |
| ACS 25-30.988 F* | 30.988 | 7.137 | 9.042 | 25 | 4 |
| ACS 35-34.036 F* | 34.036 | 8.433 | 10.668 | 35 | 2 |
| ACS 50-34.036 LF* | 34.036 | 8.941 | 11.176 | 50 | 1 |
| ACS 50-39.624 F* | 39.624 | 10.185 | 12.649 | 50 | 1 |
| ACS 70-45.974 F* | 45.974 | 11.582 | 14.224 | 70 | 2/0 |
| ACS 95-48.260 F* | 48.26 | 12.929 | 15.621 | 95 | 3/0 |
| ACS 95-62.484 LF* | 62.484 | 14.935 | 17.628 | 95 | 3/0 |

* UL LISTED
LF- HIGH VOLTAGE



CU FERRULES COLOR CODED

Aftec copper ferrules are manufactured from high conductivity seamless copper tubing. Short barrel are used for limited space applications which features an internal taper of wires at both ends and are easy to insulate with low installed cost. Color coded ferrule for proper matching die and cable size.

Technical Data.

Application : For regular duty application.

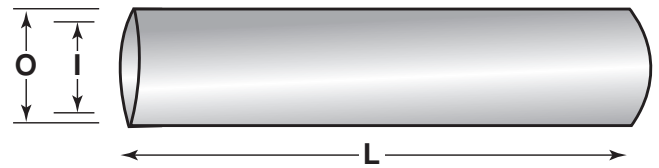
Material : 99.9% Copper

Plating : Electro tin plated

Voltage : 600 V to 1000 V

| MODEL NO | COLOR | DIMENSIONS | | | CABLE SIZE | |
|---------------------|--------|------------|------|------|-----------------|---------|
| | | L | I | O | mm ² | AWG |
| | | MM | MM | MM | | |
| ACS 10-22.9 CC* | RED | 22.9 | 4.4 | 6.9 | 10 | 8 |
| ACS 16-25.4 CC* | BLUE | 25.4 | 5.2 | 7.5 | 16 | 6 |
| ACS 25-25.4 CC* | GREY | 25.4 | 6.4 | 8.7 | 25 | 4 |
| ACS 35-31.8 CC* | BROWN | 31.8 | 8 | 10.7 | 35 | #2 |
| ACS 35-45.7 HV CC* | GREEN | 45.7 | 9.1 | 11.9 | 35 | #1 |
| ACS 50-40.6 CC* | PINK | 40.6 | 9.9 | 13.2 | 50 | 1/0 |
| ACS 70-44.5 CC* | BLACK | 44.5 | 11.2 | 14.3 | 70 | 2/0 |
| ACS 95-44.5 CC* | ORANGE | 44.5 | 12.5 | 15.8 | 95 | 3/0 |
| ACS 120-48.3 HV CC* | PURPLE | 48.3 | 13.9 | 17.5 | 120 | 4/0 |
| ACS 120-50.8 CC* | YELLOW | 50.8 | 15.1 | 19.1 | 120 | 250 MCM |
| ACS 150-53.3 CC* | WHITE | 53.3 | 16.7 | 20.7 | 150 | 300 MCM |
| ACS 185-53.3 HV CC* | RED | 53.3 | 17.8 | 22.2 | 185 | 350 MCM |
| ACS 185-58.4 CC* | BLUE | 58.4 | 19.4 | 24.1 | 185 | 400 MCM |
| ACS 240-63.5 CC* | BROWN | 63.5 | 21.2 | 27 | 240 | 500 MCM |
| ACS 300-63.5 CC* | GREEN | 63.5 | 23.5 | 30.2 | 300 | 600 MCM |
| ACS 400-81.3 CC* | BLACK | 81.3 | 26.2 | 33.3 | 400 | 750 MCM |

* UL LISTED
HV- HIGH VOLTAGE



CU LONG BARREL COLOR CODED FERRULES

Aftec cu long barrel color coded ferrules are manufactured from high conductivity seamless copper tubing. Long barrel maximizes number of crimps for added mechanical strength and electrical performance which can be used for high voltage installation up to 33 KV. Provided proper high voltage insulation methods are used.

It features an internal taper of wires at both ends and easy to install. Color coded ferrules for proper matching die and cable size.

Technical Data

Application : Heavy duty designs permits maximum crimps ideal for oil rigs, welding & transportation termination application.

Material : 99.9% Copper

Plating : Electro tin plated

Voltage : 0.6 KV to 33 KV

| MODEL NO | COLOR | DIMENSIONS | | | CABLE SIZE | |
|---------------------|--------|------------|------|------|-----------------|---------|
| | | L | I | O | mm ² | AWG |
| | | MM | MM | MM | | |
| ACS 10-44.5 L CC* | RED | 44.5 | 4.4 | 6.9 | 10 | 8 |
| ACS 16-44.5 L CC* | BLUE | 44.5 | 5.2 | 7.5 | 16 | 6 |
| ACS 25-44.5 L CC* | GREY | 44.5 | 6.4 | 8.7 | 25 | 4 |
| ACS 35-48.5 L CC* | BROWN | 48.3 | 8 | 10.7 | 35 | #2 |
| ACS 50-55.9 HV CC* | GREEN | 55.9 | 9.1 | 11.9 | 50 | #1 |
| ACS 50-55.9 L CC* | PINK | 55.9 | 9.9 | 13.2 | 50 | 1/0 |
| ACS 70-57.2 L CC* | BLACK | 57.2 | 11.2 | 14.3 | 70 | 2/0 |
| ACS 95-57.2 L CC* | ORANGE | 57.2 | 12.5 | 15.8 | 95 | 3/0 |
| ACS 120-69.9 HV CC* | PURPLE | 69.9 | 13.9 | 17.5 | 120 | 4/0 |
| ACS 120-82.6 L CC* | YELLOW | 82.6 | 15.1 | 19.1 | 120 | 250 MCM |
| ACS 150-89 L CC* | WHITE | 89 | 16.7 | 20.7 | 150 | 300 MCM |
| ACS 185-95.3 HV CC* | RED | 95.3 | 17.8 | 22.2 | 185 | 350 MCM |
| ACS 185-95.3L CC* | BLUE | 95.3 | 19.4 | 24.1 | 185 | 400 MCM |
| ACS 240-108 L CC* | BROWN | 108 | 21.2 | 27 | 240 | 500 MCM |
| ACS 300-114.3 L CC* | GREEN | 114.3 | 23.5 | 30.2 | 300 | 600 MCM |
| ACS 400-120.7 L CC* | BLACK | 120.7 | 26.2 | 33.3 | 400 | 750 MCM |

* UL LISTED