



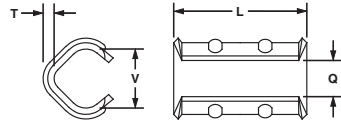
Code Conductor, Thin Wall, CTAP

For Copper Code Stranded Connections

Type CTAPF

- For copper-to-copper tapping, splicing or pigtailling
- Wide wire range-taking capability minimizes inventory requirements
- Color-coded for proper crimp die selection
- Ribbed design provides high strength

- Made from high conductivity wrought copper
- UL Listed and CSA Certified to 600 V and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies[^]



| Part Number | Copper Conductor Size | | Number of Ribs | Figure Dimensions In. (mm) | | | | Panduit Color Code | Wire Strip Length In. (mm) | Std. Pkg. Qty. |
|---------------|----------------------------|----------------------------|----------------|----------------------------|------------|------------|-------------|--------------------|----------------------------|----------------|
| | AWG Run (mm ²) | AWG Tap (mm ²) | | L | T | V | Q | | | |
| CTAPF10-16-C* | #14 AWG (2.5) | #16 – #14 AWG (1.5 – 2.5) | 0 | 0.41 (10.4) | 0.06 (1.5) | .19 (4.8) | 0.13 (3.3) | Red | 1/2 (12.7) | 100 |
| | #12 AWG (4.0) | #16 – #12 AWG (1.5 – 4.0) | | | | | | | | |
| | #10 AWG (6.0) | #14 AWG (2.5) | | | | | | | | |
| CTAPF8-12-C† | #10 AWG (6.0) | #10 AWG (6.0) | 0 | 0.67 (17.0) | 0.07 (1.8) | .26 (6.6) | 0.19 (4.8) | Blue | 11/16 (17.5) | 100 |
| | #8 AWG (10.0) | #12 AWG (4.0) | | | | | | | | |
| CTAPF6-12-C† | #8 AWG (10.0) | #10 – #8 AWG (6.0 – 10.0) | 0 | 0.67 (17.0) | 0.07 (1.8) | .32 (8.1) | 0.24 (6.1) | Gray | 11/16 (17.5) | 100 |
| | #6 AWG (16.0) | #12 – #10 AWG (4.0 – 6.0) | | | | | | | | |
| CTAPF4-12-C† | #6 AWG (16) | #8 – #6 AWG (10 – 16) | 1 | 1.25 (31.8) | 0.07 (1.8) | .40 (10.2) | 0.28 (7.1) | Brown | 1 5/16 (33.3) | 100 |
| | #5, #4 AWG (16, 25) | #12 – #8 AWG (4 – 10) | | | | | | | | |
| CTAPF3-12-C† | #5, #4 AWG (16, 25) | #6 – #5 AWG (16) | 1 | 1.25 (31.8) | 0.08 (2.0) | .46 (11.7) | 0.31 (7.9) | Green | 1 5/16 (33.3) | 100 |
| | #3 AWG (25) | #12 – #6 AWG (4 – 16) | | | | | | | | |
| CTAPF2-12-C† | #4 AWG (25) | #4 AWG (25) | 1 | 1.25 (31.8) | 0.08 (2.0) | .51 (13.0) | 0.33 (8.4) | Pink | 1 5/16 (33.3) | 100 |
| | #3 AWG (25) | #5 AWG (16) | | | | | | | | |
| | #2 AWG (35) | #12 – #6 AWG (4 – 16) | | | | | | | | |
| CTAPF1-12-C | #3 AWG (25) | #4 – #3 AWG (25) | 2 | 1.82 (46.2) | 0.08 (2.0) | .57 (14.5) | 0.40 (10.2) | Black | 1 7/8 (47.6) | 100 |
| | #2 AWG (35) | #5 – #4 AWG (16 – 25) | | | | | | | | |
| | #1 AWG (35) | #12 – #5 AWG (4 – 16) | | | | | | | | |
| CTAPF1/0-12-L | #2 AWG (35) | #4 – #2 AWG (25 – 35) | 2 | 1.82 (46.2) | 0.09 (2.3) | .63 (16.0) | 0.42 (10.7) | Orange | 1 7/8 (47.6) | 50 |
| | #1 AWG (35) | #4 – #3 AWG (25) | | | | | | | | |
| | 1/0 AWG (50) | #12 – #4 AWG (4 – 25) | | | | | | | | |
| CTAPF2/0-12-Q | #1 AWG (35) | #2 – #1 AWG (35) | 2 | 1.82 (46.2) | 0.09 (2.3) | .71 (18.0) | 0.48 (12.2) | Purple | 1 7/8 (47.6) | 25 |
| | 1/0 AWG (50) | #3 – #2 AWG (25 – 35) | | | | | | | | |
| | 2/0 AWG (70) | #12 – #3 AWG (4 – 35) | | | | | | | | |
| CTAPF3/0-12-Q | 1/0 AWG (50) | #1 – 1/0 AWG (50) | 2 | 1.82 (46.2) | 0.09 (2.3) | .81 (20.6) | 0.55 (14.0) | Yellow | 1 7/8 (47.6) | 25 |
| | 2/0 AWG (70) | #2 – #1 AWG (35) | | | | | | | | |
| | 3/0 AWG (95) | #12 – #2 AWG (4 – 35) | | | | | | | | |

See pages D3.92 and D3.93 for tool and die information.

*CTAPF10-16-C available with square, not flared ends.

All parts available in tin-plated; add TP before packaging code – example: CTAPF6-12TP-C.

[^]Note: CTAPF parts are UL Listed and CSA Certified with AWG wire only.

†CSA Certified for grounding and bonding.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



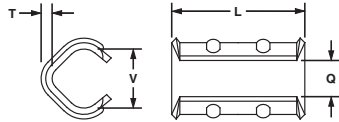
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|---------------|-----------------------|---------------------------|----------------|----------------------------|------------|------------|-------------|--------------------|----------------------------|----------------|
| | AWG Run (mm²) | AWG Tap (mm²) | | L | T | V | Q | | | |
| CTAPF10-16-C* | #14 AWG (2.5) | #16 – #14 AWG (1.5 – 2.5) | 0 | 0.41 (10.4) | 0.06 (1.5) | .19 (4.8) | 0.13 (3.3) | Red | 1/2 (12.7) | 100 |
| | #12 AWG (4.0) | #16 – #12 AWG (1.5 – 4.0) | | | | | | | | |
| | #10 AWG (6.0) | #14 AWG (2.5) | | | | | | | | |
| CTAPF8-12-C† | #10 AWG (6.0) | #10 AWG (6.0) | 0 | 0.67 (17.0) | 0.07 (1.8) | .26 (6.6) | 0.19 (4.8) | Blue | 11/16 (17.5) | 100 |
| | #8 AWG (10.0) | #12 AWG (4.0) | | | | | | | | |
| CTAPF6-12-C† | #8 AWG (10.0) | #10 – #8 AWG (6.0 – 10.0) | 0 | 0.67 (17.0) | 0.07 (1.8) | .32 (8.1) | 0.24 (6.1) | Gray | 11/16 (17.5) | 100 |
| | #6 AWG (16.0) | #12 – #10 AWG (4.0 – 6.0) | | | | | | | | |
| CTAPF4-12-C† | #6 AWG (16) | #8 – #6 AWG (10 – 16) | 1 | 1.25 (31.8) | 0.07 (1.8) | .40 (10.2) | 0.28 (7.1) | Brown | 1 5/16 (33.3) | 100 |
| | #5, #4 AWG (16, 25) | #12 – #8 AWG (4 – 10) | | | | | | | | |
| CTAPF3-12-C† | #5, #4 AWG (16, 25) | #6 – #5 AWG (16) | 1 | 1.25 (31.8) | 0.08 (2.0) | .46 (11.7) | 0.31 (7.9) | Green | 1 5/16 (33.3) | 100 |
| | #3 AWG (25) | #12 – #6 AWG (4 – 16) | | | | | | | | |
| CTAPF2-12-C† | #4 AWG (25) | #4 AWG (25) | 1 | 1.25 (31.8) | 0.08 (2.0) | .51 (13.0) | 0.33 (8.4) | Pink | 1 5/16 (33.3) | 100 |
| | #3 AWG (25) | #5 AWG (16) | | | | | | | | |
| | #2 AWG (35) | #12 – #6 AWG (4 – 16) | | | | | | | | |
| CTAPF1-12-C | #3 AWG (25) | #4 – #3 AWG (25) | 2 | 1.82 (46.2) | 0.08 (2.0) | .57 (14.5) | 0.40 (10.2) | Black | 1 7/8 (47.6) | 100 |
| | #2 AWG (35) | #5 – #4 AWG (16 – 25) | | | | | | | | |
| | #1 AWG (35) | #12 – #5 AWG (4 – 16) | | | | | | | | |
| CTAPF1/0-12-L | #2 AWG (35) | #4 – #2 AWG (25 – 35) | 2 | 1.82 (46.2) | 0.09 (2.3) | .63 (16.0) | 0.42 (10.7) | Orange | 1 7/8 (47.6) | 50 |
| | #1 AWG (35) | #4 – #3 AWG (25) | | | | | | | | |
| | 1/0 AWG (50) | #12 – #4 AWG (4 – 25) | | | | | | | | |
| CTAPF2/0-12-Q | #1 AWG (35) | #2 – #1 AWG (35) | 2 | 1.82 (46.2) | 0.09 (2.3) | .71 (18.0) | 0.48 (12.2) | Purple | 1 7/8 (47.6) | 25 |
| | 1/0 AWG (50) | #3 – #2 AWG (25 – 35) | | | | | | | | |
| | 2/0 AWG (70) | #12 – #3 AWG (4 – 35) | | | | | | | | |
| CTAPF3/0-12-Q | 1/0 AWG (50) | #1 – 1/0 AWG (50) | 2 | 1.82 (46.2) | 0.09 (2.3) | .81 (20.6) | 0.55 (14.0) | Yellow | 1 7/8 (47.6) | 25 |
| | 2/0 AWG (70) | #2 – #1 AWG (35) | | | | | | | | |
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