

CT Wire Cable HD

High-density CT Wire Cable assembly with AmpChamp connector. Provides 27 qty. 22 AWG stranded wire pairs within a sheathed cable of various lengths (0.56" O.D.) Wire-pairs are color-coded to facilitate in identifying loads being monitored and managing installation sequencing and record keeping.



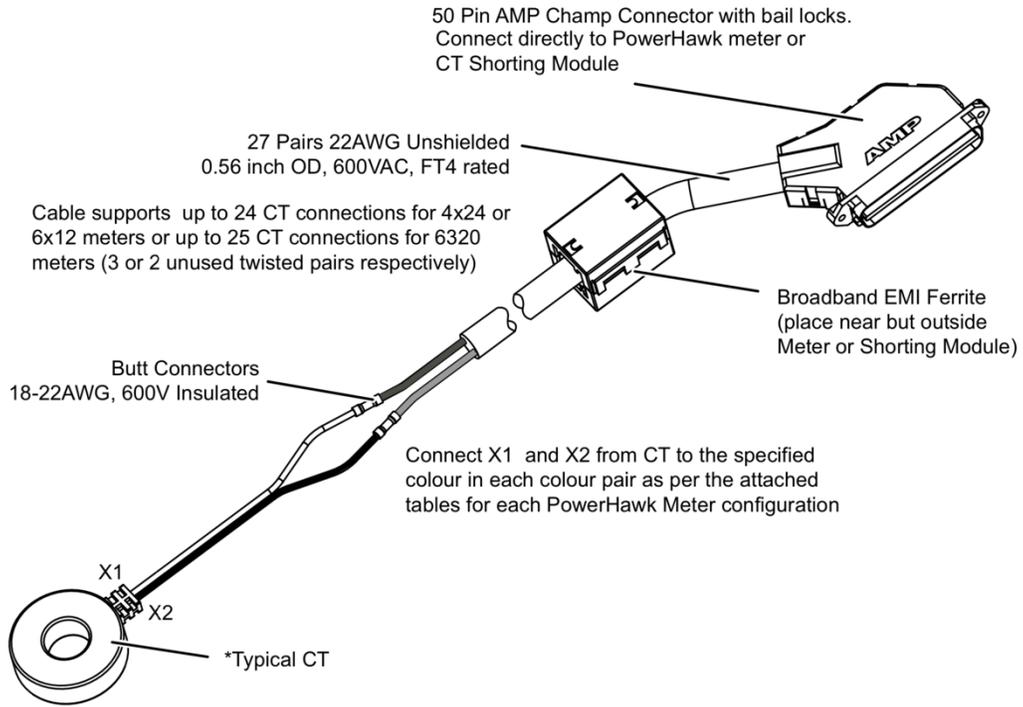
Product Numbers and Variants

Product Number	Product Name	Product Description
900-210-01	CT Wire Cable - High Density 27 Pair (4M/12FT)	High-density CT wire cable assembly with integrated AmpChamp connector. Provides 27 color-coded, 22 AWG stranded wire pairs within a sheathed cable (4M/12 FT-0.56" O.D.) Connects with up to 24 or 25 CT's via butt-joining. For use with high-density PowerHawk meters: 6112, 6312, 6320, 4124, 4224, 4324
900-211-01	CT Wire Cable - High Density 27 Pair (8M/24FT)	High-density CT wire cable assembly with integrated AmpChamp connector. Provides 27 color-coded, 22 AWG stranded wire pairs within a sheathed cable (8M/24 FT-0.56" O.D.) Connects with up to 24 or 25 CT's via butt-joining. For use with high-density PowerHawk meters: 6112, 6312, 6320, 4124, 4224, 4324
900-210-12	CT Wire Cable - High Density 27 Pair (12M/36FT)	High-density CT wire cable assembly with integrated AmpChamp connector. Provides 27 color-coded, 22 AWG stranded wire pairs within a sheathed cable (12M/36 FT-0.56" O.D.) Connects with up to 24 or 25 CT's via butt-joining. For use with high-density PowerHawk meters: 6112, 6312, 6320, 4124, 4224, 4324

Features and Specifications

- Supports up to 24 CT connections for PowerHawk 6x12/4x24meters, or up to 25 CT connections on each cable for PowerHawk 6320 meters.
- 50 pin AMP Champ Connector with bail locks for direct connection to PowerHawk meters or to CT Shorting Modules.
- Cable Outside Diameter: 0.56".
- Unshielded, 27 twisted pair, 22AWG, Rated 600V FT-4.
- Included in Measurement Canada NOAs: AE-1665, AE-1919, AE2360.
- UL Listed to 61010-1, CAN/CSA-C.22.2 No.61010-1-12 (File: E328997).

Product Diagram



Color Code Installation Sequence

PowerHawk 6X12 and PowerHawk 4X24 CT Color Pair Identification

1 Element Mode Meter Point ID#	2 Element Mode Meter Point ID#	3 Element Mode Meter Point ID#	Connect X1 CT lead to:	Connect X2 CT lead to:
P1-1	1-1	1-1	Black	Green
P2-1	1-2	1-2	Black	White
P3-1	2-1	1-3	Black	Red
P4-1	2-2	2-1	Red	Green
P5-1	3-1	2-2	Red	White
P6-1	3-2	2-3	Black	Orange
P7-1	4-1	3-1	Black	Brown
P8-1	4-2	3-2	Black	Yellow
P9-1	5-1	3-3	Black	Blue
P10-1	5-2	4-1	Green	Yellow
P11-1	6-1	4-2	Green	Blue
P12-1	6-2	4-3	Green	White
P13-1	7-1	5-1	Blue	White
P14-1	7-2	5-2	Green	Orange
P15-1	8-1	5-3	Green	Brown
P16-1	8-2	6-1	Blue	Yellow
P17-1	9-1	6-2	Brown	White
P18-1	9-2	6-3	Orange	White
P19-1	10-1	7-1	Red	Orange
P20-1	10-2	7-2	Red	Yellow
P21-1	11-1	7-3	Red	Brown
P22-1	11-2	8-1	Blue	Orange
P23-1	12-1	8-2	Yellow	White
P24-1	12-2	8-3	Blue	Brown

Color Code Installation Sequence

PowerHawk 6320 (2 cables) CT Color Pair Identification – 20/2P Configuration

Cable 1			Cable 2		
Meter point ID (meter point #- probe #)	Connect X1 CT lead to:	Connect X2 CT lead to:	Meter point ID (meter point #- probe #)	Connect X1 CT lead to:	Connect X2 CT lead to:
P1-1	Black	Green	P11-1	Black	Green
P1-3	Black	Red	P11-3	Black	Red
P2-1	Red	Green	P12-1	Black	Brown
P2-3	Black	Orange	P12-3	Black	Blue
P3-1	Black	Brown	P13-1	Green	White
P3-3	Black	Blue	P13-3	Red	Brown
P4-1	Green	Yellow	P14-1	Red	Yellow
P4-3	Green	White	P14-3	Red	Green
P5-1	White	Blue	P15-1	White	Brown
P5-3	Green	Brown	P15-3	White	Blue
P6-1	Blue	Yellow	P16-1	Red	White
P6-3	White	Orange	P16-3	Black	Orange
P7-1	Red	Orange	P17-1	Green	Yellow
P7-3	Red	Brown	P17-3	Green	Blue
P8-1	Blue	Orange	P18-1	Blue	Yellow
P8-3	Blue	Brown	P18-3	White	Orange
P9-1	White	Brown	P19-1	Blue	Orange
P9-3	White	Yellow	P19-3	Blue	Brown
P10-1	Red	Yellow	P20-1	Green	Orange
P10-3	Red	Blue	P20-3	Green	Brown

Color Code Installation Sequence

Powerhawk 6320 (2 Cables) CT Color Pair Identification — 10/3p+10/2p Configuration

Cable 1			Cable 2		
Meter point ID (meter point #- probe #)	Connect X1 CT lead to:	Connect X2 CT lead to:	Meter point ID (meter point #- probe #)	Connect X1 CT lead to:	Connect X2 CT lead to:
P1-1	Black	Green	P11-1	Black	Green
P1-2	Black	White	P11-2	Black	White
P1-3	Black	Red	P11-3	Black	Red
P2-1	Red	Green	P12-1	Black	Brown
P2-2	Red	White	P12-2	Black	Yellow
P2-3	Black	Orange	P12-3	Black	Blue
P3-1	Black	Brown	P13-1	Green	White
P3-2	Black	Yellow	P13-2	Red	Orange
P3-3	Black	Blue	P13-3	Red	Brown
P4-1	Green	Yellow	P14-1	Red	Yellow
P4-2	Green	Blue	P14-2	Red	Blue
P4-3	Green	White	P14-3	Red	Green
P5-1	White	Blue	P15-1	White	Brown
P5-2	Green	Orange	P15-2	White	Yellow
P5-3	Green	Brown	P15-3	White	Blue
P6-1	Blue	Yellow	P16-1	Red	White
P6-3	White	Orange	P16-3	Black	Orange
P7-1	Red	Orange	P17-1	Green	Yellow
P7-3	Red	Brown	P17-3	Green	Blue
P8-1	Blue	Orange	P18-1	Blue	Yellow
P8-3	Blue	Brown	P18-3	White	Orange
P9-1	White	Brown	P19-1	Blue	Orange
P9-3	White	Yellow	P19-3	Blue	Brown
P10-1	Red	Yellow	P20-1	Green	Orange
P10-3	Red	Blue	P20-3	Green	Brown