

## PRYSMIAN ECOSAFE®-CO IV™

Copper Conductor, Class I Flexible Strand With Braid  
8 AWG through 750 kcmil - Single Conductor

**Prysmian**  
Group



### OVERVIEW

Central Office Power Cable, Class I flexible tinned copper strand with braid. The cable has a low smoke, zero halogen composite insulation. Central Office Power Cable is 105°C dry, 90°C wet. UL Listed RHW-2/USE-2, 90°C wet/dry, 600 volts. Sizes 1/0 and larger FT4 / ST1 and UL CT Use rated.

### SPECIFICATIONS

**UL** Listed Standard 509, Central Office

**UL** Listed Standard 44

Type RHW-2

VW-1

For CT USE, FT4/ST1 (1/0 AWG & Larger)

Oil Resistance II

Sunlight Resistant

ASTM B-33 & B-172-Flexible Strand

GR-347-Core Compliant by Telcordia

ATIS 0600017.2020 Compliant

Low Smoke, Zero Halogen (LSZH)

### CONSTRUCTION

#### CONDUCTORS:

Class I flexible stranded, tinned copper conforming to ASTM B-33 and UL requirements. An opaque mylar tape applied over the conductor to facilitate stripping.

#### INSULATION & COVERING:

Heat and moisture resistant, low smoke, non-halogen, composite Insulation with a natural cotton braid conforming to UL Standard 44, Telcordia Specification GR-347-CORE and ATIS Specification 0600017.

#### SURFACE MARKING:

"ORIGIN USA PRYSMIAN GROUP [mfg plant ID] ECOSAFE ®-CO IV™ CABLE-T (MONTH/YEAR) PN [part number] LIST 4 "TCOPC" # [conductor size or kcmil] CU NON-HALOGEN 600V \*CT FT4 ST1 (on sizes 1/0 AWG and larger) 60C WET 90C DRY OR RHW-2 600V \*FT4 ST1 (on sizes 1/0 and larger) UL OR CSA AWM I A/B 105C 600V FT2 \*FT4 ST1 (on sizes 1/0 and larger) "SEQUENTIAL FOOTAGE MARKS". Sequential footage markings shall be applied at 2 foot intervals"

[WWW.PRIORITYWIRE.COM](http://WWW.PRIORITYWIRE.COM)

1-800-945-5542

# PRYSMIAN ECOSAFE®-CO IV™

Copper Conductor, Class I Flexible Strand With Braid  
8 AWG through 750 kcmil - Single Conductor



Part Number	List	Size (AWG/Kcmil)	Stranding	Insulation Min. Avg. Wall (mils)	Nominal Insulation Diameter (in)	Nominal Overall Diameter (in)	Max DC Res @ 20°C (Ohms/Mft)	Approximate Weight (lb/Mft)
088903	List 4	8	41	60	0.28	0.33	0.679	87
088904	List 4	6	65	60	0.32	0.37	0.436	126
088905	List 4	4	105	60	0.39	0.44	0.274	185
088906	List 4	2	168	60	0.43	0.48	0.172	272
088907	List 4	1/0	266	80	0.56	0.63	0.109	434
088908	List 4	2/0	342	80	0.62	0.68	0.087	529
088910	List 4	4/0	532	80	0.75	0.80	0.055	819
088912	List 4	350	888	95	0.96	1.03	0.033	1319
088913	List 4	500	1221	95	1.09	1.15	0.023	1718
088914	List 4	750	1850	110	1.32	1.41	0.016	2728

#### Product Notes:

The above dimensions are approximate and subject to normal manufacturing tolerances.

#### All items will also require a color code suffix

GY	Gray
GN	Green
BL	Blue
RD	Red
BK	Black
RD/BK	Red/Black
BL/BK	Blue/Black
GY/BK	Gray/Black
GN/YL	Green/Yellow

[WWW.PRIORITYWIRE.COM](http://WWW.PRIORITYWIRE.COM)

1-800-945-5542



#### Prysmian Group HH

4 Tesseneer Drive, Highland Heights, KY 41076  
+1-859-572-8000 / [na.prysmiangroup.com](http://na.prysmiangroup.com)  
SPL-OEM-0004-0623