

PRYSMIAN ECOSAFE®-CO III™

Copper Conductor, Class B Strand With Braid
14 AWG through 750 kcmil - Single Conductor

Prysmian
Group



OVERVIEW

Central Office Power Cable, Class B 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

GR-347-Core Compliant by Telcordia

ATIS 0600017.2020 Compliant

Low Smoke, Zero Halogen (LSZH)

CONSTRUCTION

CONDUCTORS:

Class B stranded, tinned copper conforming to ASTM B-33, B8 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 III™ CABLE-T (MONTH/YEAR) PN [part number] LIST 3 "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"

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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)
088800	List 3	14	7	45	0.17	0.21	2.730	29
088801	List 3	12	7	45	0.19	0.22	1.720	42
088802	List 3	10	7	45	0.21	0.26	1.080	57
088803	List 3	8	7	60	0.27	0.32	0.678	94
088804	List 3	6	7	60	0.31	0.36	0.427	131
088805	List 3	4	7	60	0.35	0.40	0.269	187
088806	List 3	2	7	60	0.41	0.46	0.169	275
088807	List 3	1/0	19	80	0.53	0.58	0.106	428
088808	List 3	2/0	19	80	0.58	0.62	0.084	525
088810	List 3	4/0	19	80	0.68	0.73	0.052	808
0888712	List 3	350	37	95	0.86	0.94	0.032	1281
088813	List 3	500	37	95	0.99	1.06	0.022	1789
088814	List 3	750	61	110	1.20	1.29	0.015	2662

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

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