

PRYSMIAN ECOSAFE®-CO II™

Copper Conductor, Class I and K Flexible Strand Without Braid
14 AWG through 750 kcmil - Single Conductor

Prysmian
Group



OVERVIEW

Central Office Power Cable, Class I and K flexible tinned copper strand without braid. The cable has a low smoke, zero halogen and silicone free composite insulation. Central Office Power Cable is 105°C dry, 90°C wet. UL Listed RHW-2/USE-2, FT4 / ST1 and VW-1, Oil Res II, Sun Res, 90°C wet/dry, 600 volts. Sizes 1/0 and larger are UL, CT Use rated. CSA RW90, Oil Res II, Sun Res, 600 volts.

SPECIFICATIONS

UL Listed Standard 509, Central Office

UL Listed Standard 44

Type RHW-2

FT4/ST1

VW-1

For CT USE (1/0 AWG & Larger)

Oil Resistance II

Sunlight Resistant

CSA C22.2

RW90

FT4/ST1 (Low Smoke)

Oil Resistance II

Sunlight Resistant

ASTM B-33 & B-172-Flexible Strand

GR-347-Core Compliant by Telcordia (applicable to 8AWG and larger)

ATIS 0600017.2020 Compliant (applicable to 8AWG and larger)

Low Smoke, Zero Halogen (LSZH)

CONSTRUCTION

CONDUCTORS:

Class I and K stranded, tinned copper conforming to ASTM B-33, B172 and UL requirements. An opaque mylar tape applied over the conductor to facilitate stripping.

INSULATION:

Heat and moisture resistant, low smoke, non-halogen, composite insulation conforming to UL Standard 44, CSA Standard 22.2, Telcordia Specification GR-347-CORE and ATIS Specification 0600017.

SURFACE MARKING:

"ORIGIN USA PRYSMIAN GROUP ECOSAFE ®-CO II ™ CABLE-T (MONTH/YEAR) PN [part number] List 2 "TCOPC" # [conductor size AWG or kcmil] CU NON-HALOGEN 600V FT4 ST1 SR *CT (on sizes 1/0 AWG and larger) VW1 60C Wet 90C Dry Sun Res or RHW-2 600V FT4 ST1 VW1 PRII (UL) or AWM Style 3578 105C or CSA RW90 XL 600V FT4 ST1 90°C -40°C or AWM I A/B 105°C "SEQUENTIAL FOOTAGE MARKS" Sequential foot-age 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)	Max DC Res @ 20°C (Ohms/Mft)	Approximate Weight (lb/Mft)
088700	List 2	14	41	45	0.18	2.820	26
088701	List 2	12	64	45	0.20	1.770	36
088702	List 2	10	104	45	0.23	1.120	50
088703	List 2	8	41	60	0.27	0.679	84
088704	List 2	6	65	60	0.32	0.436	122
088705	List 2	4	105	60	0.39	0.274	179
088706	List 2	2	168	60	0.43	0.172	266
088707	List 2	1/0	266	60	0.56	0.109	424
088708	List 2	2/0	342	60	0.62	0.087	517
088710	List 2	4/0	532	60	0.75	0.055	805
088712	List 2	350	888	60	0.96	0.033	1308
088713	List 2	500	1221	60	1.10	0.023	1706
088714	List 2	750	1850	60	1.31	0.016	2711

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