



PACIFIC
— PATRIOT



TelcoFlex®

From your certified Minority Business Enterprise

TelcoFlex®

The Telecom Industry's Ultimate DC & AC Power Cable

TelcoFlex® cable is a leading product in the telecom power cable industry. TelcoFlex® cable, the premiere central office power cable, is manufactured by Southwire Company, LLC. Southwire's TelcoFlex® cable now meets IEC requirements. WireXpress stocks TelcoFlex® List II, List III and List IV and has availability in colors and tracers.

TelcoFlex® II

600 Volts, Tinned Copper Conductor

Class I Flexible Strand Without Braid, CSA Certified, Non-Halogen Insulation

14 AWG Thru 750 KCMIL - Single Conductor

Applications

TelcoFlex® II Central Office Power Wire and Cable Class I Flexible Tinned Strand Without Braid. The cable has low-smoke, lead-free and silicone-free non-halogenated insulation. UL Central Office Power Cable 90°C dry, 60°C wet. UL Listed RHH/LS FT4 and VW-1, 90°C dry, 60°C wet, 600 volts. Sizes 1/0 and larger are UL, CT USE rated. CSA AWM I B 105°C, 600 volts.

Specifications

Southwire's TelcoFlex® II meets or exceeds the following:

- UL Listed As: Central Office Power Cable
- UL Listed Standard 44: Thermoset Insulated Type RHH/ST1
- FT-4 Flame Test
- VW-1
- ASTM B-33 and B172 for Flexible Strand
- Physical and Electrical tests in accordance with UL Standard 44 Requirements
- CSA AWM I B 105°C
- GR - 347 - CORE Audited by Telcordia
- Meets the Requirements of WP93811 for Cold Flow (Creep) and Cut Through
- Non-Halogen
- Low Smoke - LS
- IEC 60674 and 60332 + others
- RoHS / REACH Compliant

Construction

Southwire's TelcoFlex® II Cable is single conductor with a class I (modified) bunched (8 and 6 AWG) and rope-bunched (4 AWG and larger) stranded tinned copper conforming to ASTM B-33 and Underwriter's Laboratories requirements. An opaque mylar tape shall be applied over the conductor to facilitate stripping. Insulation is 90°C rated low smoke, non-halogen, TelcoHyde® conforming to Underwriter's Laboratories Standard 44 and Telcordia Specification GR-347-CORE, also UL and CSA 105°C AWM rated. The insulation has a limiting oxygen index of 35%.

Conductors: Class I modified bunched (8 and 6 AWG) or rope-bunched (4 AWG and larger) stranded tin-coated copper conforming to ASTM B-33 and Underwriters' Laboratories Requirements. An opaque mylar tape shall be applied over the conductor to facilitate stripping.

Insulation: 90°C / 105°C rated low smoke, non-halogen TelcoHyde® conforming to Underwriters' Laboratories Standard 44, Subjects 509 and 758, and CSA C22.2 No. 210.2 M90. In addition, TelcoHyde® complies with the requirements of Telcordia Specification GR-347-CORE. The insulation has a limiting oxygen index of 35%.

Surface Marking: Two sides of the cable shall be printed using an ink of a contrasting color and with the following information: "SOUTHWIRE AIW™ CORD BRAND TELCOFLEX® II/KS24194™ L2 NON-HAL (UL) E18321 SIZE (AWG or KCMIL) 600 VOLTS RHH ST1 FT4 OR AWM 3578 60°C WET VW-1 --- LL8825 CSA AWM I B 105°C 600 VOLTS FT4-ST1 YEAR TIME JULIAN DATE --- MEETS IEC INCLUDING 60674 & 60332. Note: KS24194™L2 printed on 8-750 only. Add "FOR CT USE" before "(AMW3578)" on Sizes 1/0 AWG and larger. Sequential footage markings shall be applied at 2 foot intervals on one side of the cable.



TelcoFlex® III

600 Volts, Tinned Copper Conductor

Class B Strand With Braid, CSA certified, Non-Halogen Insulation

14 AWG - 750 KCMIL - Single Conductor

Applications

TelcoFlex® III Central Office Power Wire and Cable Class B Strand With Braid. The cable has low-smoke, lead-free and silicone-free non-halogenated insulation. UL Central Office Power Cable 105°C dry, 60°C wet. UL Listed RHH/LS FT4 and VW-1, 90°C dry, 60°C wet, 600 volts. Sizes 1/0 and larger are UL, CT USE rated. CSA AWM I B 105°C, 600 Volts, FT4-ST1.

Specifications

Southwire's TelcoFlex® III meets or exceeds the following:

- UL Listed RHH/LS
- VW-1
- Physical and Electrical tests in accordance with UL standard 44 requirements
- FT4- Flame Test
- ASTM B-33
- CSA AWM I B 105°C

Construction

Southwire's TelcoFlex® III cable is single conductor with a class B stranded tinned copper conforming to ASTM B-33 and Underwriters' Laboratories requirements. An opaque mylar tape shall be applied over the conductor to facilitate stripping. Insulation is 90°C rated low smoke, non-halogen, TelcoHyde® conforming to Underwriters' Laboratories standard 44 and Telcordia Specification GR-347-CORE, also UL and CSA 105°C AWM rated. The insulation has a limiting oxygen index of 35%.

Surface Marking: Two sides of the cable shall be printed using an ink of a contrasting color and with the following information: "SOUTHWIRE AIW™ CORD BRAND TELCOFLEX® III/KS24194™ L3 NON-HAL (UL) E18321 SIZE (AWG or KCMIL) 600 VOLTS RHH ST1 FT4 OR AWM 3578 60°C WET VW-1 --- LL8825 CSA AWM I B 105°C 600 VOLTS FT4 YEAR TIME JULIAN DATE --- MEETS IEC INCLUDING 60674 & 60332. Add "FOR CT USE" before "(AMW3578)" on Sizes 1/0 AWG and larger. Sequential footage markings shall be applied at 2 foot intervals on one side of the cable.



TelcoFlex® IV

600 Volts, Tinned Copper Conductor

Class I Flexible Strand With Braid, CSA certified, Non-Halogen Insulation

8 AWG - 750 KCMIL - Single Conductor

Applications

TelcoFlex® IV Central Office Power Wire and Cable Class I Flexible Strand With Braid. The cable has low-smoke, lead-free and silicone-free non-halogenated insulation. UL Central Office Power Cable 105°C dry, 60°C wet. UL Listed RHH/LS FT4 and VW-1, 90°C dry, 60°C wet. 600 volts. Sizes 1/0 and larger are UL, CT USE rated. CSA AWM I B 105°C, 600 Volts, FT4-ST1.

Specifications

Southwire's TelcoFlex® IV meets or exceeds the following:

- UL Listed RHH/LS
- VW-1
- Physical and Electrical tests in accordance with UL standard 44 requirements
- FT4- Flame Test
- ASTM B-33
- CSA AWM I B 105°C

Construction

Southwire's TelcoFlex® IV cable is single conductor with a class I(modified) bunched (8 and 6 AWG) and rope-bunched (4 AWG and larger) stranded tinned copper conforming to ASTM B-33 and Underwriters' Laboratories requirements. An opaque mylar tape shall be applied over the conductor to facilitate stripping. Insulation is 90°C rated limited smoke, non-halogen, TelcoHyde® conforming to Underwriters' Laboratories standard 44 and Telcordia Specification GR-347-CORE, also UL and CSA 105°C AWM rated.

The insulation has a limiting oxygen index of 35%.

Surface Marking: Two sides of the cable shall be printed using an ink of a contrasting color and with the following information: "SOUTHWIRE AIW™ CORD BRAND TELCOFLEX® IV/KS24194™ L4 NON-HAL (UL) E18321 SIZE (AWG or KCMIL) 600 VOLTS RHH ST1 FT4 OR AWM 3578 60°C WET VW-1 --- LL8825 CSA AWM I B 105°C 600 VOLTS FT4 YEAR TIME JULIAN DATE --- MEETS IEC INCLUDING 60674 & 60332. Add "FOR CT USE" before "(AMW 3578)" on Sizes 1/0 AWG and larger. Sequential footage markings shall be applied at 2 foot intervals on one side of the cable.

