



➤ APPLICATION

For overhead installations, direct burial, protective conduit, open cable tray and underground duct. Its maximum operating temperature is 70 ° C (PVC or PE insulation) or 90 ° C (XLPE insulation), with a rated working voltage of 600 V for all applications.

➤ CHARACTERISTICS

Rated voltage U_0/U
0.6/1kV

Operating temperature range
-15° C to +90° C

Minimum bending radius
8 × overall cable diameter

➤ CONSTRUCTION

Conductor

Class 2 Copper

Insulation

XLPE

Outer Sheath

XLPE/PE/PVC

Phase color code (SNE)

Red, Black and White

Phase color code (CNE)

Black

➤ STANDARDS

NTP IEC 60502-1 BS7870

➤ CABLE LABORATORY

We have state-of-the-art laboratory facilities and cutting-edge testing equipment, supported by a strict quality control protocol throughout the entire production process. Every production batch undergoes comprehensive technical tests prior to shipment. Only products that meet the most stringent quality standards are approved for distribution. This ensures our products deliver outstanding stability, reliability and durability, fully complying with customers' technical specifications and requirements.

➤ DEDICATION TO SUSTAINABILITY

At CJDL Cable, we are fully committed to ecological transition and environmental protection. We actively push forward decarbonization goals, steadily moving toward a zero-emission business model.

To this end, we keep pursuing technological innovation to improve energy efficiency and cut pollutant emissions. Meanwhile, we optimize manufacturing processes to reduce environmental impact, securing sound, responsible and sustainable long-term growth for the company.

Dimensions

Three Conductors

Cable	Number of cables	AWG size				Conductor diameter (inches)	Thickness (inches)		Approx. dimensions (inches)	Approx. total weight (lb/kft)
		Cross-sectional area	Concentric conductors	Number of strands	Conductor diameter (inches)		Binding layer	Sheath		
2×8+10	2	8	10	7	0.049	0.146	0.046	0.065	0.472×0.317	267
2×6+8	2	6	8	7	0.061	0.183	0.062	0.065	0.553×0.862	398
3×6	2	6	6	7	0.061	0.183	0.062	0.065	0.559×0.868	431
2×4+6	2	4	6	7	0.077	0.231	0.062	0.082	0.671×1.028	607
2×2+4	2	2	4	7	0.097	0.292	0.062	0.082	0.746×1.163	860

Four Conductors

Cable	Number of cables	AWG size				Conductor diameter (inches)	Thickness (inches)		Approx. dimensions (inches)	Approx. total weight (lb/kft)
		Cross-sectional area	Concentric conductors	Number of strands	Conductor diameter (inches)		Binding layer	Sheath		
3 × 8 + 10	3	8	10	7	0.049	0.146	0.046	0.063	0.762	404
3 × 6 + 8	3	6	8	7	0.061	0.183	0.062	0.082	0.976	658
4 × 6	3	6	6	7	0.061	0.183	0.062	0.082	0.982	691

Thermoplastic PE or thermoset XLPE insulation, with a PE jacket; the cable is available in flat or round configurations.

The above data are approximate and subject to normal manufacturing tolerances. Specifications are subject to change without prior notice.

Specifications

Copper Conductor

Cable type	Conductor	Insulation thickness	Concentric conductor	Outer sheath thickness	Overall cable diameter
AWG	mm	mm	mm	mm	mm
3X8AWG	7/1.23	1.14	65/0.405	1.14	11.3x17.3
3X6AWG	7/1.55	1.14	65/0.511	1.14	13.2x20.0
3X4AWG	7/1.96	1.14	65/0.643	1.52	14.7x22.9
3X2AWG	7/2.47	1.14	65/0.823	1.52	16.6x26.3

Specifications

Cable type	Conductor	Insulation thickness	Concentric conductor	Outer sheath thickness	Overall cable diameter
AWG	mm	mm	mm	mm	mm
2x12	7/0.78	1.14	39/0.321	1.14	7.74
2x10	7/0.98	1.14	25/0.511	1.14	8.72
2x8	7/1.23	1.14	25/0.643	1.14	9.74
2x6	7/1.55	1.14	25/0.813	1.14	11.01
2x4	7/1.96	1.14	26/1.020	1.14	12.68