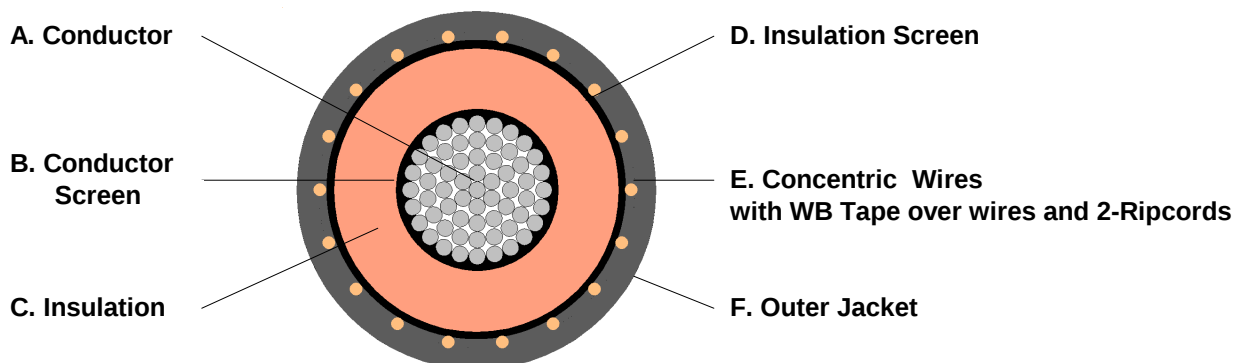


1/C, 15kV Rated, 133% Insulation Level, URO-J®

- A. CONDUCTOR: 1000 kcmil 61X Compressed Class B Strand Aluminum FILLED STRAND
- B. CONDUCTOR SCREEN: Extruded Semiconducting (SC-EPR)
- C. INSULATION: 220 Extruded Ethylene Propylene Rubber OKOGUARD®
- D. INSULATION SCREEN: Extruded Semiconducting (SC-EPR)
- E. CONCENTRIC WIRES: 18 x .1052 AWG Bare Copper Concentric Wires (Third Neutral)
- F. JACKET: 080 Encapsulated OKOLENE® LLDPE (Linear Low Density Polyethylene) with 3-ERS



Dimensions	Thickness (in.)		Diameter (in.)			Cable Description
	Nominal	Minimum Point		Nominal		162-23-9231
Conductor	N/A			1.123		1/C 1000 61X ALUMINUM FILLED STRAND -SS- 220 OKOGUARD EPR - 055 SC EPR - 18 X .1052 COPPER CONC WIRES (THIRD NEUTRAL) - 2 RIPCORDS - WB TAPE - 080 OKOLENE PE W/3 RED STRIPES - SEQ PRINT - 15KV TEMPERATURE RATINGS 105°C - Continuous, 140°C - Emergency 250°C - Short Circuit
Cond. Screen	0.025	0.020		1.178		
Insulation	0.220	0.210		1.635		
Insul. Screen	0.062	0.055		1.771		
Conc. Neutral	0.1052			1.981		
Outer Jacket	0.080	0.070		2.173		
	Cable Weight (lbs./M'):				2783	

Customer Name: KY ASSOC OF ELECTRIC CORP

End User: KY ASSOC OF ELECTRIC COOPS

Customer Spec:

Industry Standards: AEIC CS8 and ICEA S-94-649.

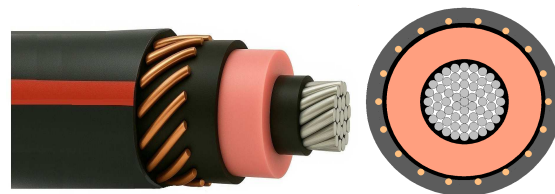
APPROVED BY:	Okonite Product Code 162-23-9231				Date: 07/14/25
PREP. BY RWP 07/11/25 BCG	SCALE None	INQUIRY NO. 32-30912	ITEM NO. 017 B	SERIAL NO. 19750	DRAWING NO. T - 103955

Cable Dimensions are Subject to Normal Manufacturing Tolerances.
 Cable Image is representative and meant to display individual cable components and is not to scale.
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1/C, 15kV Rated, 133% Insulation Level, URO-J®

Cable Installation Data			Electrical Data		
Maximum Pulling Tension with Pulling Eye or Bolt per cable:	6000 lbs.	26.689 kN	Conductor DC Resistance in Ohms/1000 feet @ 25C (1/c):	0.01770	0.05807 /km
Maximum Pulling Tension with grip on outer jacket:	1000 lbs.	4.448 kN	Capacitance in microfarads/1000 feet	0.14979	0.49146 /km
Maximum Sidewall Bearing Pressure (SWBP):	500 lbs/ft of bend radius	7.30 kN/m of bend radius	Capacitive Reactance Ohms/1000 feet (60Hz)	0.0177	0.0054 /km
Minimum Bending Radius for permanent training purposes:	17.4 inches	442 mm	Charging Current in Amperes/1000 feet	0.48904	1.6045 /km
	(Mult: 8x)		Voltage (line to ground) 3 Phase	8.66 kV	
Minimum bending radius while pulling cable:	17.4 inches, provided the maximum SWBP is not exceeded.		BIL (Basic Impulse Level)	110	
			SIC (Dielectric Constant)	2.9	
For two or more cables the maximum total pulling tension is two times the maximum tension per cable (6000 lbs.) not to exceed a maximum of 10,000 lbs., whichever is lower.			Power Factor (Room Temp.)	0.00266	
			Conductor Circular Mil Area	1000000	506.7 mm2

Dimensions	Thickness (in.)		Diameter (in.)			Cable Description	162-23-9231
	Nominal	Minimum Point		Nominal		1/C 1000 61X ALUMINUM FILLED STRAND -SS- 220 OKOGUARD EPR - 055 SC EPR - 18 X .1052 COPPER CONC WIRES (THIRD NEUTRAL) - 2 RIPCORDS - WB TAPE - 080 OKOLENE PE W/3 RED STRIPES - SEQ PRINT - 15KV TEMPERATURE RATINGS 105°C - Continuous, 140°C - Emergency 250°C - Short Circuit	
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Customer Name: KY ASSOC OF ELECTRIC CORP

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