


1/C, 15kV Rated, 100% 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):	0.01440	0.04725 /km
Maximum Pulling Tension with grip on outer jacket:	1000 lbs.	4.448 kN	Capacitance in microfarads/1000 feet	0.16162	0.53028 /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)	0.0164	0.0050 /km
Minimum Bending Radius for permanent training purposes:	15.0 inches	380 mm	Charging Current in Amperes/1000 feet	0.52766	1.7313 /km
Minimum bending radius while pulling cable:	15.0 inches, provided the maximum SWBP is not exceeded.		Voltage (line to ground) 3 Phase	8.66 kV	
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.			BIL (Basic Impulse Level)	110	
			SIC (Dielectric Constant)	2.9	
			Power Factor (Room Temp.)	0.00266	
			Conductor Circular Mil Area	750000	380.0 mm²

Dimensions	Thickness (in.)		Diameter (in.)			Cable Description	140-23-9128
	Nominal	Minimum Point		Nominal		1/C 750 61X COPPER -SS- 175 OKOGUARD EPR - 040 SC EPR - 25 X #10 COPPER CONC WIRES (SPECIAL NEUTRAL) - 080 OKOLENE PE W/3 RED STRIPES - SEQ PRINT - 15KV TEMPERATURE RATINGS 105°C - Continuous, 140°C - Emergency 250°C - Short Circuit	
Conductor	N/A			0.973			
Cond. Screen	0.025	0.020		1.028			
Insulation	0.175	0.165		1.393			
Insul. Screen	0.045	0.040		1.493			
Conc. Neutral	0.1019			1.697			
Outer Jacket	0.080	0.070		1.871			
Cable Weight (lbs./M'):			3965				

 Customer Name: **KY ASSOC OF ELECTRIC CORP**

 End User: **ST. CHARLES CITY OF**

Customer Spec:

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

APPROVED BY:	Okonite Product Code 140-23-9128				Date: 03/05/25
PREP. BY RWP 03/05/25 BCG	SCALE None	INQUIRY NO. 31-40046 A	ITEM NO. 001	SERIAL NO. 13698	DRAWING NO. T - 101063

Cable Dimensions are Subject to Normal Manufacturing Tolerances.
Cable Image is representative and meant to display individual cable components and is not to scale.