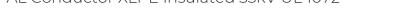


Primary Underground Distribution (URD) Cable





URD cable, rated MV105°C (wet and dry) Flame-retardant Cross-Linked Polyethylene XLPE insulation

Description	Units	Value
Insulation material	ΧLΡε	
Conductor type (Three / Single)	Single	
Conductor Cross-Section	kcmil	250
Rating / Insulating level	100% or 133%	100%
Approx. Weight/Foot(K)	Lbs	1227
Number of strands of conductor and diameter	#/awg	37/Compress
Standing Class	Class B(Compress)	
Outside Diameter (OD) conductor	inches	0.552
Layer thickness semi-conducting (inner)	ICEA /inches	0.599
Insulation thickness	ICEA /inches	0.345
Layer thickness semi-conducting (outer)	ICEA /inches	1.382
Concentric neutrals (1/3)	no/AWG	8/16AWG
Concentric neutrals (1/2)	no/AWG	15/16AWG
Concentric neutrals (2/3)	no/AWG	22/16AWG
Concentric neutrals (Full)	no/AWG	19/14AWG
Jacket thickness	inches	0.083
Jaket Color	Black/Red Stripes	
Jacket type	LLDPE/XLPE	XLPE

	Value
inches	1.674
Deg/C	105°C
ohms/1000 ft	0.0549
ohms/1000 ft	0.0951
μF//1000ft	0.0549
mH/1000ft	0.125
inches	16.8
Lbs	1500
Amps/NEC 2020	330
Amps/NEC 2020	270
Amps/NEC 2020	335
Amps/NEC 2020	290
(1s, kA)	11.2
nec	nεc
Wood/Metalsheath	Wood
Ω/1000ft	0.046
Ω/1000ft	0.086
	Deg/C ohms/1000 ft ohms/1000 ft μF//1000ft mH/1000ft inches Lbs Amps/NEC 2020 Amps/NEC 2020 Amps/NEC 2020 (Is, KA) NEC Wood/Metalsheath Ω/1000ft

^{**}In duct: Triplex, In direct buried: Spaced 7.5 inches horizontal

Industry Standards

UL 1072 – Medium-Voltage Power Cables

Component Standards

ASTM B 231 – Standard Specification for Concentric-Lay-Stranded Aluminum 13

ASTM B 3 – Standard Specification for Soft or Annealed Copper Wire

ASTM B 5 – Standard Specification for HighConductivity Tough-Pitch Copper Refinery Shapes
NEC-National Electric Codebook 2020

We want to hear from you!

