

Triplexed PE/PVC Type USEI75 600 Volts

Contact

Power Cables
Phone: (905) 944-4329
utilitycable.canada@nexans.com

Underground Distribution Cables

DESCRIPTION

Compact stranded AA-8000 series aluminum conductor material (ACM) per ASTM B801 Class B or ASTM B836 (Single Input Wire), or aluminum alloy 1350 per ASTM B400 Class B.

Black polyethylene (LLDPE) insulation
Colour-coded, flame retardant, sunlight resistant PVC jacket
Two phase conductors plus one full or reduced neutral conductor
CSA C22.2 No.52

STANDARDS

National CSA C22.2 N° 52

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CHARACTERISTICS

Construction characteristics

Conductor material Aluminum

Electrical characteristics

Maximum operating voltage 600 V

Usage characteristics

Maximum operating temperature 75 °C

TRIPLEXED USEI75

Phase Conductor Size (AWG/kcmil)	Neutral Conductor Size (AWG/kcmil)	Insulation Thickness		Jacket Thickness		Approximate Diameter			Linear Mass (kg/km)
		Phase (mm)	Neutral (mm)	Phase (mm)	Neutral (mm)	Phase (mm)	Neutral (mm)	Overall (mm)	
4	4	1.1	1.1	0.8	0.8	9.45	9.45	20.4	330
4	6	1.1	1.1	0.8	0.8	9.45	8.30	19.6	300
2	2	1.1	1.1	0.8	0.8	10.9	10.9	23.5	460
2	4	1.1	1.1	0.8	0.8	10.9	9.45	22.5	415
1	1	1.4	1.4	1.1	1.1	13.0	13.0	28.0	640
1	3	1.4	1.1	1.1	0.8	13.0	10.1	26.3	580
1/0	1/0	1.4	1.4	1.1	1.1	14.0	14.0	30.2	760
1/0	2	1.4	1.4	1.1	0.8	14.0	10.9	28.3	660
2/0	2/0	1.4	1.4	1.1	1.1	15.0	15.0	32.3	900
2/0	1	1.4	1.4	1.1	1.1	15.0	13.0	31.0	820
3/0	3/0	1.4	1.4	1.1	1.1	16.2	16.2	34.9	1100
3/0	1/0	1.4	1.4	1.1	1.1	16.2	14.0	33.5	870
4/0	4/0	1.4	1.4	1.1	1.1	17.6	17.6	37.9	1320
4/0	2/0	1.4	1.4	1.1	1.1	17.6	15.0	36.3	1180
250	250	1.7	1.7	1.7	1.7	20.2	20.2	43.5	1660
250	3/0	1.7	1.4	1.7	1.1	20.2	16.2	41.1	1420
350	350	1.7	1.7	1.7	1.7	22.8	22.8	49.1	2200
350	250	1.7	1.7	1.7	1.7	22.8	20.2	47.4	2000
500	500	1.7	1.7	1.7	1.7	25.8	25.8	55.6	2950
500	350	1.7	1.7	1.7	1.7	25.8	22.8	53.6	2650

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