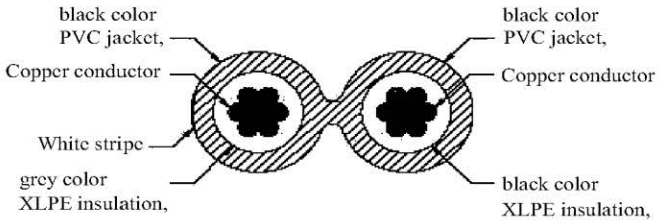
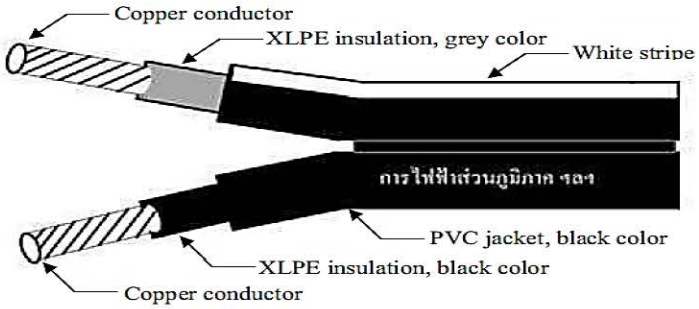
SERVICE DROP CABLE

NEMA WC70/ICEA S-95-658
PEA

LV Cables with copper conductor, XLPE insulation, and PVC jacket, for service drop





CONDUCTOR : Concentric Stranded annealed copper
Size 6 mm², 10 mm² and 35 mm²

INSULATION : XLPE insulation (Grey color and Black color)

SHEATH : PVC insulation (Black color)

CLASSIFICATION : Maximum conductor temperature 90°C
Circuit voltage not exceeding 2000 volt

TESTING VOLTAGE : 4,500 VAC

REFERENCE STANDARD : NEMA WC70/ICEA S-95-658
PEA Spec No. RCBL-032/2554

Nominal Cross Sectional area (mm²)	Conductor			Thickness of Insulation (mm)	Thickness of Sheath (mm)	Overall diameter (mm) (Approx.)	Maximum continuous current rating in free air (Ampere)	Minimum insulation resistance at 15.6°C (MΩ-Km)	Maximum resistance of conductor at 20°C (Ω-Km)	Cable weight (approx.) Kg/Km	Standard length per reel (m)
	Number of wire	Diameter of wire (mm)	Diameter of conductor (mm)								
2 x 6	7	1.04	3.12	0.9	1.4	8.5 x 18.0	50	602.9	3.08	250	2000
2 x 10	7	1.35	4.05	1.1	1.5	10.0 x 21.0	70	574.3	1.83	350	1000
2 x 35	19	1.53	7.65	1.3	1.7	14.7 x 30.4	160	387.3	0.52	960	500

D:Packing in drum.