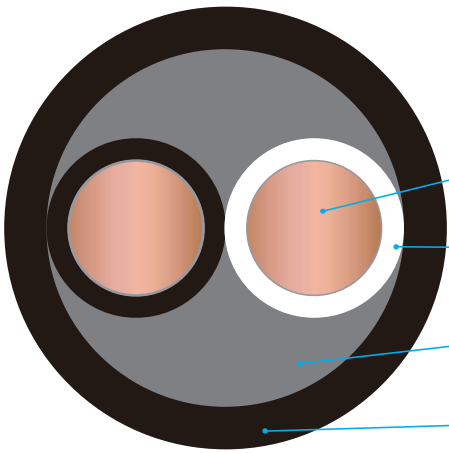


0.6/1kV UW-3PN-L

0.6/1kV EPR Insulated, HDPE Sheathed Water-proof Cable

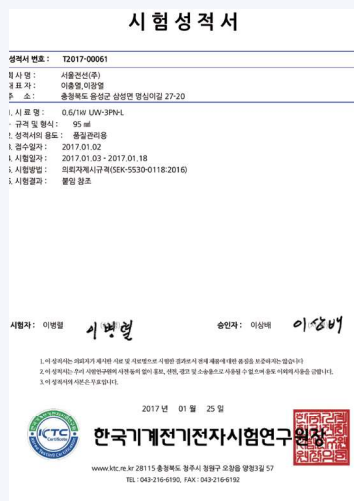


Construction

- Conductor**
Stranded flexible conductor of tin-coated annealed copper wires as per IEC 60228
- Insulation**
EPR (Ethylene propylene rubber)
- Inner covering**
Filling rubber compound
- Oversheath**
LHPO (Low smoke Halogen free Polyolefin)

Application standard

IEC 60502-1
IEEE 1580



WATER-PROOF CABLE

0.6/1kV UW-3PN-L

0.6/1kV EPR Insulated, HDPE Sheathed Water-proof Cable

Applicable Standard : IEC 60502-1

선심수 No. of Cores	도체 Conductor		절연두께 Insulation Thickness	총진두께 Inner Covering Thickness	시스두께 Outer Sheath Thickness	완성외경 Overall Diameter (Approx.)	허용전류 Ampacity	도체저항 [20℃] Conductor Resistance	시험전압 Test Voltage	개산중량 Approx Weight
	공칭단면적 Nominal Area	외경 Approx Dia								
C	mm ²	mm	mm	mm	mm	mm	A	Ω/km	kV	kg/km
1	1	1.3	1.1	-	2.5	8.8	-	20.0	3.5	75
	1.5	1.5	1.1	-	2.5	9.0	-	13.7		80
	2.5	2.0	1.1	-	2.5	9.5	-	8.21		95
	4	2.5	1.1	-	2.5	10.0	-	5.09		110
	6	3.0	1.1	-	2.6	10.7	-	3.39		140
	10	4.3	2.0	-	2.8	14.3	-	1.95		245
	16	5.3	2.0	-	2.8	15.3	-	1.24		310
	25	6.7	2.0	-	2.9	16.9	135	0.795		425
	35	7.9	2.0	-	3.0	18.3	169	0.565		535
	50	9.5	2.0	-	3.1	20.1	207	0.393		705
	70	11.2	2.0	-	3.2	22.0	268	0.277		915
	95	12.9	2.5	-	3.4	25.1	328	0.210		1,205
	120	14.6	2.5	-	3.5	27.0	383	0.164		1,470
	150	16.2	2.5	-	3.7	29.0	444	0.132		1,765
	185	18.0	2.5	-	3.8	31.1	510	0.108		2,125
	240	20.3	2.5	-	4.0	33.8	607	0.0817		2,635
	300	22.9	2.5	-	4.1	36.6	703	0.0654		3,250
400	26.1	3.0	-	4.4	41.4	823	0.0495	4,205		
500	29.4	3.2	-	4.7	45.7	946	0.0391	5,265		
630	34.6	3.2	-	5.0	51.5	1088	0.0292	7,070		
2	1	1.3	1.1	1.0	1.8	13.1	-	20.0	3.5	185
	1.5	1.5	1.1	1.0	1.9	13.7	26	13.7		205
	2.5	2.0	1.1	1.0	1.9	14.7	36	8.21		255
	4	2.5	1.1	1.0	2.0	15.9	49	5.09		310
	6	3.0	1.1	1.0	2.1	17.1	63	3.39		385
	10	4.3	2.0	1.0	2.5	24.1	86	1.95		785
	16	5.3	2.0	1.0	2.6	26.3	115	1.24		1,000
	25	6.7	2.0	1.0	2.8	29.5	149	0.795		1,345
	35	7.9	2.0	1.0	2.9	32.1	185	0.565		1,670
	50	9.5	2.0	1.2	3.0	35.9	225	0.393		2,200
	70	11.2	2.0	1.2	3.2	39.7	289	0.277		2,840
	95	12.9	2.5	1.4	3.5	46.2	352	0.210		3,825
	120	14.6	2.5	1.4	3.7	50.0	410	0.164		4,630
150	16.2	2.5	1.4	3.9	53.6	473	0.132	5,480		

1) Ampacity : Conductor temperature of 90℃ in free air, Based on ambient temperature of 30℃

WATER-PROOF CABLE

0.6/1kV UW-3PN-L

0.6/1kV EPR Insulated, HDPE Sheathed Water-proof Cable

Applicable Standard : IEC 60502-1

선심수 No. of Cores	도체 Conductor		절연두께 Insulation Thickness	총진두께 Inner Covering Thickness	시스두께 Outer Sheath Thickness	완성외경 Overall Diameter (Approx.)	허용전류 Ampacity	도체저항 (20℃) Conductor Resistance	시험전압 Test Voltage	개산중량 Approx Weight
	공칭단면적 Nominal Area	외경 Approx Dia								
C	mm ²	mm	mm	mm	mm	mm	A	Ω/km	kV	kg/km
3	1	1.3	1.1	1.0	1.9	13.9	-	20.0	3.5	215
	1.5	1.5	1.1	1.0	1.9	14.3	23	13.7		240
	2.5	2.0	1.1	1.0	2.0	15.6	32	8.21		305
	4	2.5	1.1	1.0	2.1	16.9	42	5.09		380
	6	3.0	1.1	1.0	2.2	18.1	54	3.39		475
	10	4.3	2.0	1.0	2.6	25.7	75	1.95		970
	16	5.3	2.0	1.0	2.7	28.0	100	1.24		1,240
	25	6.7	2.0	1.0	2.9	31.4	127	0.795		1,690
	35	7.9	2.0	1.2	2.9	34.4	158	0.565		2,130
	50	9.5	2.0	1.2	3.1	38.3	192	0.393		2,815
	70	11.2	2.0	1.2	3.4	42.5	246	0.277		3,670
	95	12.9	2.5	1.4	3.6	49.2	298	0.210		4,920
120	14.6	2.5	1.4	3.9	53.4	346	0.164	6,000		
4	1	1.3	1.1	1.0	1.9	14.8	-	20.0	3.5	260
	1.5	1.5	1.1	1.0	2.0	15.5	23	13.7		295
	2.5	2.0	1.1	1.0	2.1	16.9	32	8.21		375
	4	2.5	1.1	1.0	2.2	18.3	42	5.09		465
	6	3.0	1.1	1.0	2.3	19.7	54	3.39		590
	10	4.3	2.0	1.0	2.7	28.1	75	1.95		1,210
	16	5.3	2.0	1.0	2.9	30.9	100	1.24		1,570
	25	6.7	2.0	1.2	2.9	34.6	127	0.795		2,145
	35	7.9	2.0	1.2	3.1	37.9	158	0.565		2,710
	50	9.5	2.0	1.2	3.4	42.4	192	0.393		3,605
	70	11.2	2.0	1.4	3.5	47.1	246	0.277		4,710
	95	12.9	2.5	1.4	4.0	54.7	298	0.210		6,325
5	1	1.3	1.1	1.0	2.0	16.1	-	20.0	3.5	310
	1.5	1.5	1.1	1.0	2.1	16.8	23	13.7		350
	2.5	2.0	1.1	1.0	2.2	18.4	32	8.21		450
	4	2.5	1.1	1.0	2.3	19.9	42	5.09		565
	6	3.0	1.1	1.0	2.4	21.5	54	3.39		715
	10	4.3	2.0	1.0	2.9	30.9	75	1.95		1,485
	16	5.3	2.0	1.2	2.9	34.0	100	1.24		1,925
	25	6.7	2.0	1.2	3.1	38.2	127	0.795		2,640
	35	7.9	2.0	1.2	3.4	42.0	158	0.565		3,355
	50	9.5	2.0	1.4	3.5	46.9	192	0.393		4,455
	70	11.2	2.0	1.4	3.8	52.1	246	0.277		5,825
	95	12.9	2.5	1.6	4.2	60.7	298	0.210		7,840