NA2XCK2Y 1 X (300 - 2000) mm² 87/150 (170) kV

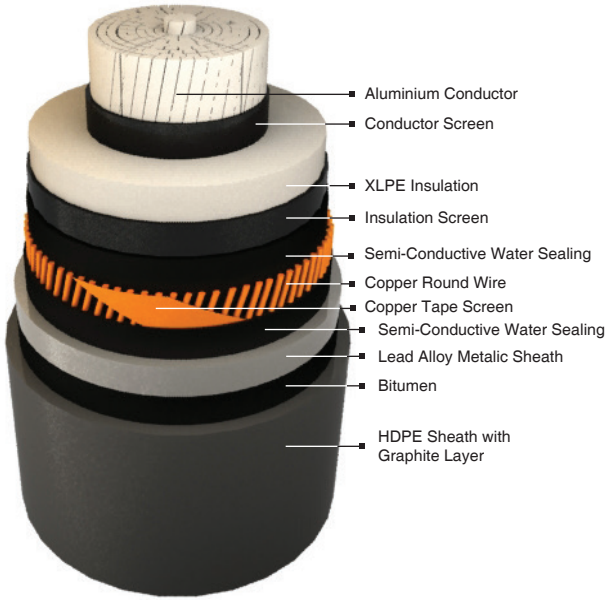
Al / XLPE / CWS / LS / HDPE

(Aluminium Conductor, XLPE Insulated, Copper Wire Screen, Lead Sheathed, HDPE Sheathed)
Standard Specification : IEC 60840 : 2011

Application :
Power Cable : used in the underground transmission lines between two sub station units of an electricity grid, transformer of a generator unit to indoor or outdoor sub station. These Insulated cable circuits may also be used in conjunction with overhead lines.

Conductor Shape
300 - 800 sqmm supplied in compacted circular stranded (cm) conductor shape
1000 - 2000 sqmm supplied in segmented compress stranded (sc) conductor shape

Short Circuit Capacity
Screen short circuit capacity will be submitted upon request



Construction Data

Nom. Cross Section Area	Thickness				Overall Diameter	Cable Weight
	Conductor Screen	Insulation	Insulation Screen	Outer Sheath		
	Nom.	Nom.	Nom.	Nom.	Approx.	Approx.
mm²	mm	mm	mm	mm	mm	kg/km
300	1.3	18.0	1.3	3.5	86	14,263
400	1.3	18.0	1.3	3.6	90	15,252
500	1.3	18.0	1.3	3.7	93	16,350
630	1.3	18.0	1.3	3.7	95	17,180
800	1.3	18.0	1.3	3.9	99	17,790
1000	1.5	18.0	1.3	4.0	106	20,186
1200	1.5	18.0	1.3	4.2	111	22,768
1600	1.5	18.0	1.3	4.3	119	25,977
2000	1.5	18.0	1.3	4.6	127	28,049

Electrical Data

Conductor		Capacitance	Current - Carrying Capacity at 30° C *			
			In Ground		In Air	
Nom. Cross Section (mm²)	DC Resistance at 20°C Max. (Ω/km)	Per Phase Max. (μF/km)	Trefoil Max. (A)	Flat (s=1D) Max. (A)	Trefoil Max. (A)	Flat (s=1D) Max. (A)
300	0.1000	0.148	462	474	589	652
400	0.0778	0.160	529	545	684	761
500	0.0605	0.172	603	625	791	885
630	0.0469	0.194	687	718	917	1038
800	0.0367	0.212	774	818	1052	1205
1000	0.0291	0.238	868	929	1209	1405
1200	0.0247	0.252	931	1007	1313	1542
1600	0.0186	0.282	1041	1149	1501	1798
2000	0.0149	0.302	1126	1266	1653	2014

** Further information about rating factor for certain cable arrangement can be found on supplementary technical information*

KMI Wire and Cable | kabelmetal INDONESIA | SMK3 PP NO.50/2012 | ISO 9001 QUALITY ASSURED FIRM | ISO 14001 ENVIRONMENTAL SYSTEM | OHSAS 18001 HEALTH & SAFETY MANAGEMENT SYSTEM

PT. KMI Wire and Cable Tbk reserves the right to change the data content without prior notification

2BK33-00 Rev.0.0/2016