

		1	2	3	4	5	6	7	8	9	10	11								
A													A							
	PHYSICAL CHARACTERISTICS						ELECTRICAL CHARACTERISTICS							MECHANICAL CHARACTERISTICS						
		MATERIAL	CABLE	WIRE	WIDTH	THICK <sup>1</sup>	WEIGHT	WITHSTAND LIMIT (SYM) <sup>2</sup>						RESISTANCE <sup>3,4</sup>		GEOMETRY		BREAK LOAD <sup>5</sup>		
			Overall Diameter	Individual Diameter	Average Width	Average Thickness	Linear Weight	Electro-Thermal Capacity	3-cycles 50 ms	6-cycles 100 ms	30-cycles 500 ms	60-cycles 1 sec	300-cycle 5 sec	Flow along conductor	Flow into GROUND	Cross sectional Area of Copper	Contact Area	Tensile	Year 1 Max Force	Year 30 Max force Aggressive
B	150 mm <sup>2</sup> ARMOR-1720™	(Symbol)	(mm)	(mm)	(mm)	(mm)	(kg/km)	(Amp <sup>2</sup> t)	(kA)	(kA)	(kA)	(kA)	(kA)	"I" (Ω/km)	"R" (Ω/km)	(mm <sup>2</sup> )	(mm)	(ksi)	(Newton)	(Newton)
C	120 mm <sup>2</sup> ARMOR-1090™	Cu	15.8	2.3	-	-	1,326	1,716	185	131	59	41	19	0.12	0.298	147.1	76.3	33	30,124	17,245
		Cu/Fe	-	-	90.2	2.1	1,522	1,886	194	137	61	43	19	0.17	0.256	104.1	184.6	42	55,345	42,697
	95 mm <sup>2</sup> ARMOR-690™	Cu	14.0	2.8	-	-	1,055	1,085	147	104	47	33	15	0.15	0.300	117.0	63.3	33	23,956	15,502
		Cu/Fe	-	-	68.4	2.1	1,153	1,193	154	109	49	35	15	0.23	0.262	79.1	140.9	42	41,956	32,314
D	70 mm <sup>2</sup> ARMOR-350™	Cu	12.5	2.5	-	-	841	690	117	83	37	26	12	0.19	0.302	93.3	61.3	33	19,098	11,647
		Cu/Fe	-	-	51.2	2.1	864	758	123	87	39	28	12	0.28	0.269	59.5	106.6	42	31,409	24,134
E		Cu	10.5	2.1	-	-	593	343	83	59	26	19	8	0.27	0.305	65.8	51.5	33	13,475	7,364
		Cu/Fe	-	-	31.3	2.1	528	377	87	61	27	19	9	0.38	0.281	36.7	66.8	42	19,202	14,667
F																				F
G																				G
		1	2	3	4	5	6	7	8	9	10	11								