



PRODUCTO:

ESPECIFICACION

**CABLE PORTA ELECTRODO
CLASE K, DESNUDO TEMPLE SUAVE
AISLAMIENTO PVC CRISTAL 60°C 600 VOLTS**

INT-0112ZOOM

FECHA: ENERO 2018

HOJA: 1 DE 1

- b).- SE SUGIERE PARA ALAMBRES ANTES DE REUNIR SE DEBEN CONSIDERAR DIMENSIONES ENTRE NOMINAL Y MAXIMO Y MAXIMO.
- c).- PARA ELONGACION DE ALAMBRES REMOVIDOS DE CORDONES TERMINADOS APLICAR VALORES DE COLUMNA A.
- d).- PARA ELONGACION DE ALAMBRES ANTES DE REUNIR SE SUGIERE APLICAR VALORES DE COLUMNA B.
- e).- EL PASO DE CABLEADO DEL CABLE SE APLICA UNICAMENTE A LA ULTIMA CAPA. PARA OTRAS CAPAS NO HAY ESPECIFICACION

ALAMBRE BASE CALIBRE 30 AWG

ALAMBRE DE COBRE CALIBRE 30 AWG					
DIAMETRO			ELONGACION		
MINIMO	NOMINAL	MAXIMO	MINIMO	NOMINAL	MAXIMO
mm (pulg)					
0.251 (0.0099)	0.254 (0.0100)	0.257 (0.0101)	20	25	30

CALIBRE AWG/kcmil CONST	N° DE TORO- NES	HILOS / TORON	TOTAL HILOS (ALAMB)	DIAMETRO DE TORON			PASO CABLEADO TORONES			DIAMETRO CABLE DESNUDO			PASO CABLEADO CABLE			ESPESOR DE AISLAMIENTO			DIAMETRO CABLE FORRADO			PESO APROX					
				MINIMO	NOMINAL	MAXIMO	MINIMO	NOMINAL	MAXIMO	MINIMO	NOMINAL	MAXIMO	MINIMO	NOMINAL	MAXIMO	MINIMO	NOMINAL	MAXIMO	MINIMO	NOMINAL	MAXIMO	MINIMO	NOMINAL	MAXIMO	COBRE	PVC	TOTAL
				mm (pulg)			mm (pulg)			mm (pulg)			mm (pulg)			mm (pulg)			mm (pulg)			kg/km	kg/km	kg/km			
8 7X24	7	24	168	1.447 (0.0570)	1.462 (0.0576)	1.477 (0.0581)	25.0 (0.984)	28.5 (1.122)	32.0 (1.260)	4.482 (0.1764)	4.527 (0.1782)	4.572 (0.1800)	36.2 (1.426)	36.2 (1.426)	72.4 (2.852)	1.52 (0.060)	1.60 (0.063)	1.68 (0.066)	7.522 (0.296)	7.727 (0.304)	7.932 (0.312)	77.95	43.42	121.37			
6 7X38	7	38	266	1.821 (0.0717)	1.840 (0.0724)	1.858 (0.0732)	32.00 (1.2598)	36.50 (1.4370)	41.00 (1.6142)	5.639 (0.2220)	5.696 (0.2243)	5.753 (0.2265)	45.6 (1.794)	45.6 (1.794)	91.1 (3.588)	1.52 (0.060)	1.60 (0.063)	1.68 (0.066)	8.679 (0.342)	8.896 (0.350)	9.113 (0.359)	123.42	51.71	175.1			
4 7X60	7	60	420	2.289 (0.0901)	2.312 (0.0910)	2.335 (0.0919)	41.0 (1.614)	46.0 (1.811)	51.0 (2.008)	7.086 (0.2790)	7.157 (0.2818)	7.229 (0.2846)	57.3 (2.254)	57.3 (2.254)	114.5 (4.509)	1.52 (0.060)	1.60 (0.063)	1.68 (0.066)	10.126 (0.399)	10.357 (0.408)	10.589 (0.417)	194.87	62.07	256.9			
2 19X35	19	35	665	1.748 (0.0688)	1.766 (0.0695)	1.783 (0.0702)	32.0 (1.260)	36.5 (1.437)	41.0 (1.614)	8.916 (0.3510)	9.006 (0.3546)	9.096 (0.3581)	72.1 (2.837)	72.1 (2.837)	144.1 (5.673)	1.92 (0.076)	2.00 (0.079)	2.08 (0.082)	12.756 (0.502)	13.006 (0.512)	13.256 (0.522)	311.54	97.51	409.0			
1 19X44	19	44	836	1.960 (0.0772)	1.980 (0.0779)	1.999 (0.0787)	32.0 (1.260)	36.5 (1.437)	41.0 (1.614)	9.997 (0.3936)	10.098 (0.3976)	9.272 (0.3650)	80.8 (3.180)	80.8 (3.180)	161.6 (6.361)	1.92 (0.076)	2.00 (0.079)	2.08 (0.082)	13.837 (0.545)	14.098 (0.555)	13.432 (0.529)	391.65	107.18	498.8			
1/0 19X56	19	56	1064	2.211 (0.0870)	2.233 (0.0879)	2.256 (0.0888)	41.0 (1.614)	46.0 (1.811)	51.0 (2.008)	11.278 (0.4440)	11.392 (0.4485)	11.506 (0.4530)	91.1 (3.588)	91.1 (3.588)	182.3 (7.176)	1.92 (0.076)	2.00 (0.079)	2.08 (0.082)	15.118 (0.595)	15.392 (0.606)	15.666 (0.617)	498.47	118.65	617.1			
2/0 7X7X27	49	27	1323	1.535 (0.0604)	1.551 (0.0611)	1.566 (0.0617)	25.0 (0.984)	28.5 (1.122)	32.0 (1.260)	12.576 (0.4951)	12.703 (0.5001)	12.830 (0.5051)	101.6 (4.001)	101.6 (4.001)	203.3 (8.002)	2.32 (0.091)	2.40 (0.094)	2.48 (0.098)	17.216 (0.678)	17.503 (0.689)	17.790 (0.700)	625.76	160.57	786.3			
3/0 7X7X34	49	34	1666	1.723 (0.0678)	1.740 (0.0685)	1.758 (0.0692)	32.0 (1.260)	36.5 (1.437)	41.0 (1.614)	14.113 (0.5556)	14.255 (0.5612)	14.398 (0.5668)	114.0 (4.490)	114.0 (4.490)	228.1 (8.980)	2.32 (0.091)	2.40 (0.094)	2.48 (0.098)	18.753 (0.738)	19.055 (0.750)	19.358 (0.762)	788.00	177.06	965.1			
4/0 7X7X43	49	43	2107	1.937 (0.0763)	1.957 (0.0770)	1.977 (0.0778)	32.0 (1.260)	36.5 (1.437)	41.0 (1.614)	15.871 (0.6248)	16.031 (0.6312)	16.192 (0.6375)	128.3 (5.049)	128.3 (5.049)	256.5 (10.098)	2.32 (0.091)	2.40 (0.094)	2.48 (0.098)	20.511 (0.808)	20.831 (0.820)	21.152 (0.833)	996.58	195.95	1192.5			
250 7X7X51	49	51	2499	2.110 (0.0831)	2.131 (0.0839)	2.153 (0.0848)	32.0 (1.260)	36.5 (1.437)	41.0 (1.614)	17.284 (0.6805)	17.459 (0.6874)	17.634 (0.6942)	139.7 (5.499)	139.7 (5.499)	279.3 (10.998)	2.72 (0.107)	2.80 (0.110)	2.88 (0.113)	22.724 (0.895)	23.059 (0.908)	23.394 (0.921)	1182.0	251.27	1433.3			