

AMTC-CVR

WIRE FILL CAPACITY CHARTS

RACEWAY WIRE AND CABLE FILL CAPACITIES FOR TELE-POWER POLES - POWER							
Cable Type	Cable Wire/Size Description	O.D.		AMDTP Series	25DTP Series	AMTC & 25DTC Series*	
		(inches)	[mm]			Small Comp.	Large Comp.
		40% FILL	40% FILL			40% FILL	40% FILL
THHN / THWN	10 Awg	0.16	4.17	10	10	34	44
	12 Awg	0.13	3.30	15	15	54	69

RACEWAY WIRE AND CABLE FILL CAPACITIES FOR TELE-POWER POLES - COMMUNICATIONS											
Cable Type	Cable Wire/Size Description	O.D.		AMDTP Series		25DTP Series		AMTC & 25DTC Series*			
		(inches)	[mm]	20% FILL	40% FILL	20% FILL	40% FILL	Small Comp.		Large Comp.	
								20% FILL	40% FILL	20% FILL	40% FILL
Unshielded Twisted Pair	Cat. 5 UTP	0.22	5.59	10	19	10	19	10	19	13	26
	Cat. 3 UTP	0.19	4.83	13	25	13	25	13	25	17	35
Telephone	2 Pair	0.14	3.56	23	47	23	47	23	47	32	64
	3 Pair	0.15	3.81	20	41	20	41	20	41	28	56
	4 Pair	0.19	4.83	13	25	13	25	13	25	17	35
	25 Pair	0.41	10.41	3	5	3	5	3	5	4	7
Coaxial	RG58/U	0.20	4.95	12	24	12	24	12	24	17	33
	RG59/U	0.24	6.15	8	16	8	16	8	16	11	21
	RG62/U	0.24	6.15	8	16	8	16	8	16	11	21
	RG6/U	0.27	6.86	6	13	6	13	6	13	9	17
TwinAxial	100 Ohm	0.33	8.38	4	8	4	8	4	8	6	12
Shielded Twisted Pair	Type 1 STP	0.39	9.91	3	6	3	6	3	6	4	8
	Type 2 STP	0.47	11.81	2	4	2	4	2	4	3	6
	Type 3 STP	0.25	6.22	8	15	8	15	8	15	10	21
Fiber Optic	Fiber ZipCord	0.11	2.79	38	76	38	76	38	76	52	104
	Round Fiber 2 Strand	0.18	4.57	14	28	14	28	14	28	19	39
	Round Fiber 4 Strand	0.19	4.83	13	25	13	25	13	25	17	35
	Round Fiber 6 Strand	0.21	5.33	10	21	10	21	10	21	14	29

* 25DTC/AMTC Series not intended for combining power and communications in the same channel.

TABLEAUX DES CAPACITÉS DE REMPLISSAGE EN TERMES DE FILS

CAPACITÉS DE REMPLISSAGE EN TERMES DE CÂBLES ET DE FILS DES CHEMINS DE CÂBLES POUR LES POTEAUX TELE-POWER - ALIMENTATION							
Type de câble	Description de la taille/des fils du câble	D.E.		Série AMDTP	Série 25DTP	Séries AMTC et 25DTC*	
		po	mm			Petit comp.	Grand comp.
		REMP. 40 %	REMP. 40 %	REMP. 40 %	REMP. 40 %	REMP. 40 %	REMP. 40 %
THHN / THWN	10 Awg	0.16	4.17	10	10	34	44
	12 Awg	0.13	3.30	15	15	54	69

CAPACITÉS DE REMPLISSAGE EN TERMES DE CÂBLES ET DE FILS DES CHEMINS DE CÂBLES POUR LES POTEAUX TELE-POWER - COMMUNICATION											
Type de câble	Description de la taille/des fils du câble	D.E.		Série AMDTP		Série 25DTP		Séries AMTC et 25DTC*			
		po	mm	REMP. 20 %	REMP. 40 %	REMP. 20 %	REMP. 40 %	Petit comp.		Grand comp.	
								REMP. 20 %	REMP. 40 %	REMP. 20 %	REMP. 40 %
Paire torsadée non blindée	UTP cat. 5	0.22	5.59	10	19	10	19	10	19	13	26
	UTP cat. 3	0.19	4.83	13	25	13	25	13	25	17	35
Téléphone	2 paires	0.14	3.56	23	47	23	47	23	47	32	64
	3 paires	0.15	3.81	20	41	20	41	20	41	28	56
	4 paires	0.19	4.83	13	25	13	25	13	25	17	35
	25 paires	0.41	10.41	3	5	3	5	3	5	4	7
Coaxial	RG58/U	0.20	4.95	12	24	12	24	12	24	17	33
	RG59/U	0.24	6.15	8	16	8	16	8	16	11	21
	RG62/U	0.24	6.15	8	16	8	16	8	16	11	21
	RG6/U	0.27	6.86	6	13	6	13	6	13	9	17
Twinax	100 Ohms	0.33	8.38	4	8	4	8	4	8	6	12
Paire torsadée blindée	STP type 1	0.39	9.91	3	6	3	6	3	6	4	8
	STP type 2	0.47	11.81	2	4	2	4	2	4	3	6
	STP type 3	0.25	6.22	8	15	8	15	8	15	10	21
Fibre optique	Fibre ZipCord	0.11	2.79	38	76	38	76	38	76	52	104
	Fibre ronde à 2 brins	0.18	4.57	14	28	14	28	14	28	19	39
	Fibre ronde à 4 brins	0.19	4.83	13	25	13	25	13	25	17	35
	Fibre ronde à 6 brins	0.21	5.33	10	21	10	21	10	21	14	29

* Avec les séries 25DTC/AMTC, il n'est pas prévu d'associer l'alimentation et la communication dans le même conduit.

CUADROS DE CAPACIDAD DE PASO DE CONDUCTORES

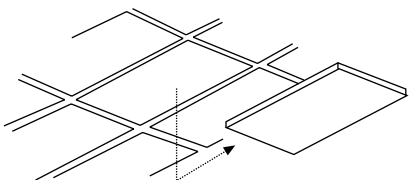
CAPACIDADES DE PASO DE CONDUCTORES EN CONDUCTOS ELÉCTRICOS PARA BARRAS TELE POWER – ALIMENTACIÓN ELÉCTRICA							
Tipo de cable	Descripción cant. conductores y tamaño del cable	Diámetro exterior (pulgadas) [mm]		Serie AMDTP	Serie 25DTP	Series AMTC y 25DTC*	
		PASO COND. 40 %	PASO COND. 40 %			Comp. pequeño	Comp. grande
		PASO COND. 40 %	PASO COND. 40 %	PASO COND. 40 %	PASO COND. 40 %	PASO COND. 40 %	PASO COND. 40 %
THHN / THWN	10 Awg	0.16	4.17	10	10	34	44
	12 Awg	0.13	3.30	15	15	54	69

CAPACIDADES DE PASO DE CONDUCTORES EN CONDUCTOS ELÉCTRICOS PARA BARRAS TELE POWER – COMUNICACIONES											
Tipo de cable	Descripción cant. conductores y tamaño del cable	Diámetro interior (pulgadas) [mm]		Serie AMDTP PASO COND. 20 %		Serie 25DTP PASO COND. 40 %		Series AMTC y 25DTC* PASO COND. 20 %		Series AMTC y 25DTC* PASO COND. 40 %	
Par trenzado sin blindaje	Cat. 5 UTP	0.22	5.59	10	19	10	19	10	19	13	26
	Cat. 3 UTP	0.19	4.83	13	25	13	25	13	25	17	35
Teléfono	2 Pares	0.14	3.56	23	47	23	47	23	47	32	64
	3 Pares	0.15	3.81	20	41	20	41	20	41	28	56
	4 Pares	0.19	4.83	13	25	13	25	13	25	17	35
	25 Pares	0.41	10.41	3	5	3	5	3	5	4	7
Coaxial	RG58/U	0.20	4.95	12	24	12	24	12	24	17	33
	RG59/U	0.24	6.15	8	16	8	16	8	16	11	21
	RG62/U	0.24	6.15	8	16	8	16	8	16	11	21
	RG6/U	0.27	6.86	6	13	6	13	6	13	9	17
Axial retorcido	100 ohmios	0.33	8.38	4	8	4	8	4	8	6	12
Par trenzado con blindaje	Tipo 1 STP	0.39	9.91	3	6	3	6	3	6	4	8
	Tipo 2 STP	0.47	11.81	2	4	2	4	2	4	3	6
	Tipo 3 STP	0.25	6.22	8	15	8	15	8	15	10	21
Fibra óptica	ZipCord de fibra óptica	0.11	2.79	38	76	38	76	38	76	52	104
	Fibra óptica, 2 hilos, sección circular	0.18	4.57	14	28	14	28	14	28	19	39
	Fibra óptica, 4 hilos, sección circular	0.19	4.83	13	25	13	25	13	25	17	35
	Fibra óptica, 6 hilos, sección circular	0.21	5.33	10	21	10	21	10	21	14	29

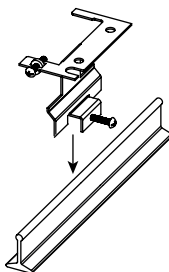
* Las Series 25DTC/AMTC no están diseñadas para combinar alimentación eléctrica y comunicaciones en el mismo canal.

INSTALLATION: • INSTALLATION : • INSTALACIÓN:

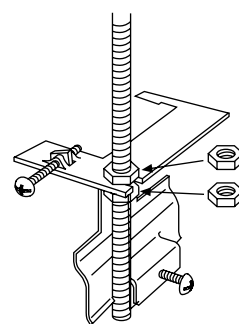
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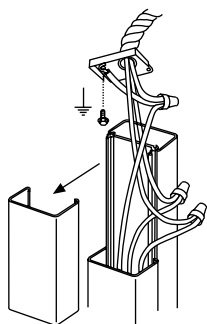
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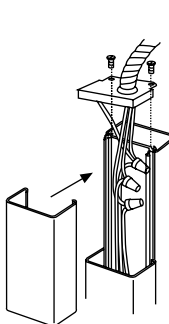
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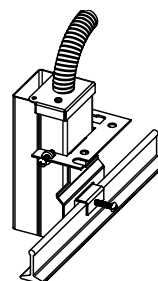
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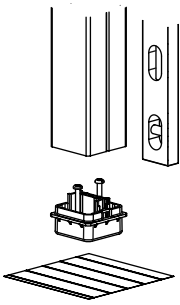
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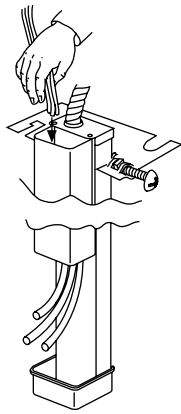
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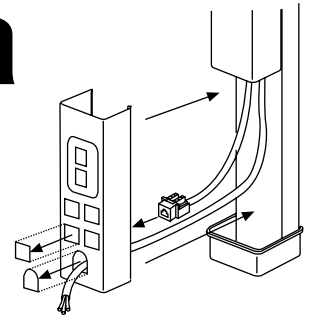
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6



7a



NOTE:

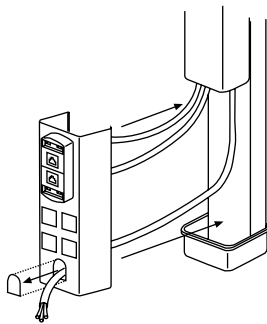
With recommended #10 pan head screw.

REMARQUE : il est recommandé d'utiliser une vis à tête cylindrique n° 10.

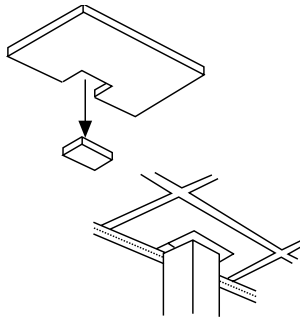
NOTA:

Con tornillo de cabeza troncocónica #10 recomendado.

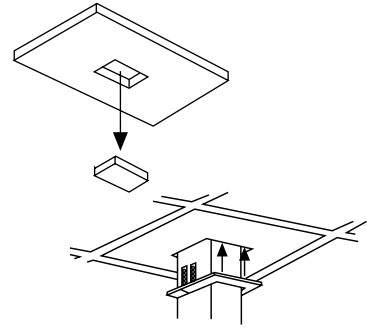
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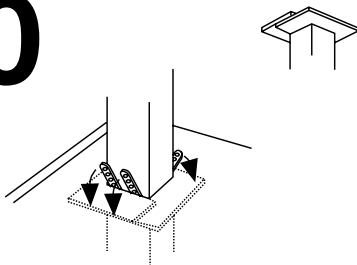
8



9



10



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