

Panduct® Installation Tools

- DCT easily cuts any Panduct® Duct and Cover
- DNT-100 notches sidewalls to bottom scoreline for tees and corner junctions



DCT



DNT-100

Part Number	Part Description	Std. Pkg. Qty.
Duct Cutting Tool		
DCT	Hand-held duct cutting tool.	1
Duct Notching Tool (For use with all slotted duct types)		
DNT-100	Hand-held sidewall notching tool.	1

Always use approved safety goggles when using any tools.

Panduct® Type HN, H, and HS Wiring Duct – Wirefill Capacity

Nominal Duct Size (W x H) In.	Nominal Area In. ²	Electrical															Communication				
		8 AWG	10 AWG	12 AWG			14 AWG			16 AWG			18 AWG			22 AWG	23 AWG		23/24 AWG	24 AWG	Fiber Cable
		0.216	0.164	0.130	0.141	0.152	0.111	0.124	0.133	0.096	0.111	0.118	0.084	0.100	0.106	0.085	0.300	0.240	0.240	0.225	0.118
		THHN	THHN	THHN	MTW	MTW	THHN	MTW	MTW	TFFN	MTW	MTW	TFFN	MTW	MTW	MTW	Cat. 6A	Cat. 6A (SD)	Cat. 6	Cat. 5e	3.0 mm
1.50 x 2.00	3.000	34	60	95	81	70	131	105	91	175	131	116	229	162	144	224	18	28	28	32	116
1.50 x 3.00	4.500	52	90	143	122	105	197	158	137	263	197	174	344	243	216	336	27	42	42	48	174
2.00 x 2.00	4.000	46	80	127	108	93	175	140	122	234	175	155	306	216	192	299	24	37	37	42	154
2.00 x 3.00	6.000	69	120	191	163	140	263	210	183	351	263	232	459	324	288	448	36	56	56	64	232
2.00 x 4.00	8.000	92	160	255	217	187	350	281	244	469	350	310	612	432	384	598	48	75	75	85	309
3.00 x 3.00	9.000	104	180	287	244	210	394	316	275	527	394	349	689	486	432	673	54	84	84	96	348
3.00 x 4.00	12.000	139	241	383	326	280	526	421	366	703	526	465	919	648	577	897	72	112	112	128	464
4.00 x 4.00	16.000	185	321	511	435	374	701	562	488	938	701	621	1225	864	769	1197	96	150	150	170	619

Table shows maximum wire fill based on 50% of duct internal cross sectional area. Formula = Nominal Area / 1.85 x D². All dimensions represent typical outer cable diameter in inches.

Panduct® Shielded Wiring Duct – Wirefill Capacity

Nominal Duct Size (W x H) In.	Nominal Area In. ²	Electrical															Communication				
		8 AWG	10 AWG	12 AWG			14 AWG			16 AWG			18 AWG			22 AWG	23 AWG		23/24 AWG	24 AWG	Fiber Cable
		0.216	0.164	0.130	0.141	0.152	0.111	0.124	0.133	0.096	0.111	0.118	0.084	0.100	0.106	0.085	0.300	0.240	0.240	0.225	0.118
		THHN	THHN	THHN	MTW	MTW	THHN	MTW	MTW	TFFN	MTW	MTW	TFFN	MTW	MTW	MTW	Cat. 6A	Cat. 6A (SD)	Cat. 6	Cat. 5e	3.0 mm
2.00 x 2.00	4.000	48	84	135	114	98	185	148	129	248	185	164	323	228	203	316	25	39	39	45	163
2.00 x 3.00	6.000	73	127	202	172	148	278	222	193	372	278	246	485	342	305	474	38	59	59	67	245
2.00 x 4.00	8.000	97	169	270	229	197	371	297	258	496	371	328	647	457	406	632	50	79	79	90	327

Table shows maximum wire fill based on 50% of duct internal cross sectional area. Formula = Nominal Area / 1.75 x D². All dimensions represent typical outer cable diameter in inches. The above communication cable diameters represent the nominal Panduit cable diameter per performance level. For specific cable fill information based on specific part numbers, please contact Panduit customer service.