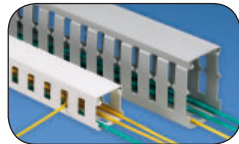
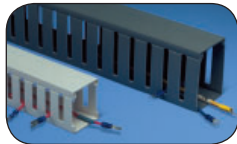


PANDUCT® Wiring Duct routes and contains wires to eliminate tying and mounting of wire bundles for reduced installation cost. Wiring duct consists of two parts: a U-shaped channel and a removable cover to enclose the wires and deliver an aesthetically pleasing wire management solution.



Halogen-Free Wide Finger Design
Type NNC
Type NE



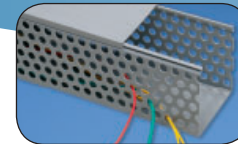
Wide Finger Design
Type G



Narrow Finger Design
Type F
Type MC
Corner Wiring Duct



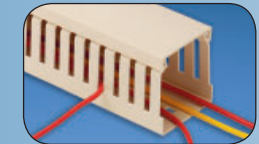
Solid Wall Design
Type FS



Flush Cover Round Hole Design
Type D



Hinged Cover
Type H
Type HN



Low Smoke Narrow Finger Design
Type TMC

Duct Size (W x H) In.	Duct Size (W x H) mm	LG		WH		BL	IB	BR	IG
		Light Gray		White		Black	Intrinsic Blue	Beige	International Gray
.5 x .5	12 x 12	G F FS	FL	G F FS	NE				
.5 x 1		G F FS		G F	NE				
.5 x 2		G		G					
.5 x 4		G		G					
.75 x .75		G F FS		G F					
.75 x 1		G		G					
.75 x 1.5		G F		G F					
.75 x 2		G		G					
1 x 1	25 x 25	G F FS	NNC FL	G F FS	NE	NNC MC	G F		MC
1 x 1.5	25 x 37	G F FS	NNC	G F	NE	NNC MC	G F	TMC	MC
1 x 2	25 x 50	G F FS D	NNC	G F	NE	NNC MC	G D		MC
1 x 2.5	25 x 62					MC			MC
1 x 3	25 x 75	G F FS D	NNC	G F D	NE	NNC MC	G D	G F	MC
1 x 4	25 x 100	G F FS D		G F D	NE		G D	F	
1.5 x 1		G F FS		G F FS					
1.5 x 1.5	37 x 37	G F FS	NNC	G F FS	NE	NNC MC	G FS	G F	TMC
1.5 x 2	37 x 50	G F FS D H HN HS	NNC	G F	NE H HN HS	NNC MC	G D H HS	G F	MC
1.5 x 2.5	37 x 62					MC			MC
1.5 x 3	37 x 75	G F FS D H HN HS	NNC	G F D	NE H HN HS	NNC MC	G D H HS	G F	MC
1.5 x 4		G F D		G F D	NE		G D	F	
2 x 1		G F FS		G F FS	NE				
2 x 1.5		G F FS		G F FS					
2 x 2	50 x 50	G F FS D H HN HS	NNC FL	G F FS D	NE H HN HS	NNC MC	G FS D H HS	G F	TMC
2 x 3	50 x 75	G F FS D H HN HS	NNC	G F FS D	NE H HN HS	NNC MC	G D H HS	G F	MC
2 x 4	50 x 100	G F FS D H HN HS	NNC	G F D	NE H HN HS	NNC MC	G D H HS	G F	MC
2 x 5		G F		G F					
2.5 x 1.5	62 x 37					MC			MC
2.5 x 2.5	62 x 62					MC			MC
2.5 x 3		G F D		G F			G		
3 x 1		G F FS		G F FS	NE				
3 x 2	75 x 50	G F FS D		G F FS	NE	MC	G FS		TMC
3 x 2.5	75 x 62					MC			MC
3 x 3	75 x 75	G F FS D H HN HS	NNC	G F FS D	NE H HN HS	NNC MC	G FS D H HS	G F	TMC
3 x 4	75 x 100	G F FS D H HN HS	NNC	G F FS D	NE H HN HS	NNC MC	G D H HS	G F	MC
3 x 5		G F FS		G F FS	NE				MC
4 x 1.5		G FS		G					
4 x 2	100 x 50	G F FS D	NNC	G F FS	NE	NNC MC	G D		TMC
4 x 2.5	100 x 62					MC			MC
4 x 3	100 x 75	G F FS D	NNC	G F FS	NE	NNC MC	G	G F	TMC
4 x 4	100 x 100	G F FS D H HN HS	NNC	G F FS D	NE H HN HS	NNC MC	G FS D H HS	G F	MC
4 x 5		G F FS		G F	NE		G		
6 x 4		G FS		G					
4.40 x 3.57*	111.8 x 90.7		CWD			CWD			
5.33 x 4.58*	135.3 x 115.7		CWD			CWD			
6.25 x 2.12**	156.7 x 54.0		DRD			DRD			
7.25 x 3.12**	184.1 x 79.4		DRD			DRD			
8.25 x 4.12**	209.5 x 104.8		DRD			DRD			

*Corner Duct Profile

**Din Rail Duct Profile

Part Numbers

G 1 x 2 LG 6 - A

Duct Type W x H In. or mm

Color See Chart

Std. Length Ft. or m

A = Adhesive Backed = Without Adhesive backing (leave blank) NM = No Mounting Hole

Duct Type

G = Wide Finger Flush Design

F = Narrow Finger Flush Design

FS = Solid Wall Flush Design

H/HN/HS = Hinged Cover Design

D = Round Hole Flush Design

NNC = Halogen-Free Metric Design

NE = Halogen-Free Wide Finger Design

MC = Metric Narrow Finger Design

TMC = Low Smoke Metric Design

FL = Flexible Wiring Duct

CWD = Corner Wiring Duct

Materials Available

- Rigid Polyvinyl chloride (PVC)
- Halogen-Free – Type NNC
- Halogen-Free – Type NE
- Low Smoke Polymer – Type TMC
- Polypropylene – Type FL

PANDUCT® Wiring Duct Wire Fill Capacity



Maximum recommended number of wires used in various sizes of PANDUCT® Wiring Duct. This information is to be used as a guide in selecting the proper size duct. The maximum amounts may vary according to wire installation methods (straightness of wires, breakouts, etc.).

NOMINAL Duct Size (W x H) In.	For Types G, F, D and FS Duct (Capacities based on MTW wire) — Maximum Number of Wires —					
	12 AWG		14 AWG		16 AWG	
	O.D.=.152	O.D.=.124	O.D.=.133	O.D.=.118	O.D.=.106	O.D.=.085
.5 x .5	6	9	8	10	12	19
.5 x 1	12	18	16	20	25	39
.5 x 2	24	37	32	41	50	79
.5 x 4	49	74	64	82	101	158
.75 x .75	13	20	18	23	28	44
.75 x 1	18	27	24	30	38	59
.75 x 1.5	27	41	36	46	57	88
.75 x 2	37	55	48	61	76	118
1 x 1	24	37	32	41	50	79
1 x 1.5	37	55	48	61	76	118
1 x 2	49	74	64	82	101	158
1 x 3	74	111	96	123	152	237
1 x 4	98	148	129	164	203	316
1.5 x 1	37	55	48	61	76	118
1.5 x 1.5	55	83	72	92	114	177
1.5 x 2	74	111	96	123	152	237
1.5 x 3	111	167	145	184	228	355
1.5 x 4	148	222	193	246	305	474
2 x 1	49	74	64	82	101	158
2 x 1.5	74	111	96	123	152	237
2 x 2	98	148	129	164	203	316
2 x 3	148	222	193	246	305	474
2 x 4	197	297	258	328	406	632
2 x 5	247	371	323	410	508	790
2.5 x 3	185	278	242	307	381	593
3 x 1	74	111	96	123	152	237
3 x 2	148	222	193	246	305	474
3 x 3	222	334	290	369	457	711
3 x 4	296	445	387	492	610	949
3 x 5	370	557	484	615	762	1186
4 x 1.5	148	222	193	246	305	474
4 x 2	197	297	258	328	406	632
4 x 3	296	445	387	492	610	949
4 x 4	395	594	516	656	813	1265
4 x 5	494	743	646	820	1017	1581
6 x 4*	593	891	775	984	1220	1898

*Note: 6 x 4 available in Types FS and G only. Wire fill based on 50% of duct internal cross-sectional area. Formula = Nominal Area/1.75 x D².

NOMINAL Duct Size (W x H) In.	For Types H, HN, and HS Duct (Capacities based on MTW wire) — Maximum Number of Wires —					
	12 AWG		14 AWG		16 AWG	
	O.D.=.152	O.D.=.124	O.D.=.133	O.D.=.118	O.D.=.106	O.D.=.085
1.5 x 2	70	105	91	116	144	224
1.5 x 3	105	158	137	174	216	336
2 x 2	93	140	122	155	192	299
2 x 3	140	210	183	232	288	448
2 x 4	187	281	244	310	384	598
3 x 3	210	316	275	349	432	673
3 x 4	280	421	366	465	577	897
4 x 4	374	562	488	621	769	1197

Wire fill based on 50% of duct internal cross-sectional area. Formula = Nominal Area/1.85 x D².

NOMINAL Duct Size (W x H) In.	For Type NE Duct (Capacities based on MTW wire) — Maximum Number of Wires —					
	12 AWG		14 AWG		16 AWG	
	O.D.=.152	O.D.=.124	O.D.=.133	O.D.=.118	O.D.=.106	O.D.=.085
.5 x .5	5	8	7	8	11	17
.5 x 1	10	16	14	17	22	34
1 x 1	21	32	28	35	44	69
1 x 1.5	32	48	42	53	66	103
1 x 2	43	65	56	71	88	138
1 x 3	64	97	84	107	133	207
1 x 4	86	130	113	143	177	276
1.5 x 1.5	48	73	63	80	100	155
1.5 x 2	64	97	84	107	133	207
1.5 x 3	97	146	127	161	200	311
1.5 x 4	129	195	169	215	266	415
2 x 1	43	65	56	71	88	138
2 x 2	86	130	113	143	177	276
2 x 3	129	195	169	215	266	415
2 x 4	173	260	226	287	355	553
2.5 x 3	162	243	211	269	333	519
3 x 1	64	97	84	107	133	207
3 x 2	129	195	169	215	266	415
3 x 3	194	292	254	323	400	622
3 x 4	259	390	339	430	533	830
3 x 5	324	487	423	538	667	1038
4 x 2	173	260	226	287	355	553
4 x 3	259	390	339	430	533	830
4 x 4	346	520	452	574	711	1107
4 x 5	432	650	565	718	889	1384

Wire fill based on 50% of duct internal cross-sectional area. Formula = Nominal Area/2.00 x D².

Type FL - Flexible Duct



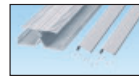
- Can be positioned at extreme angles, corners, and hinged openings without breaking or cracking
- Offset fingers angled downward towards center for easy insertion and removal of wires
- Factory applied adhesive tape provided for easy mounting

CWD3LG6, CWD4LG6: PANELMAX™ Corner Wiring Duct



- Fits in the unused space in the vertical corner of enclosures maximizing sub-panel mounting area
- One-piece base simplifies installation

DRD22LG6, DRD33LG6, DRD44LG6: PANELMAX™ DIN Rail Wiring Duct



- Maximizes space utilization within enclosures reducing material and installation costs
- Reduce panel space requirements up to 30%
- DIN rail and DIN component compatible



NOMINAL Duct Size (W x H) mm	For Types NNC, MC, and TMC Duct (Capacities based on MTW wire) — Maximum Number of Wires —					
	12 AWG		14 AWG		16 AWG	
	O.D.= 3.9	O.D.= 3.1	O.D.= 3.4	O.D.= 3.0	O.D.= 2.7	O.D.= 2.2
25 x 25	23	36	31	39	49	76
25 x 37	35	53	46	58	72	113
25 x 50	47	72	62	79	98	153
25 x 62	59	89	77	98	122	190
25 x 75	71	108	93	119	147	229
37 x 37	52	78	68	87	107	167
37 x 50	70	106	92	117	145	226
37 x 62	87	132	114	145	180	281
37 x 75	106	159	138	176	218	340
50 x 50	95	144	125	159	197	306
50 x 75	143	216	187	238	295	459
50 x 100	191	288	250	318	394	612
62 x 37	87	132	114	145	180	281
62 x 62	147	221	192	244	303	471
75 x 50	143	216	187	238	295	459
75 x 62	178	267	232	295	366	570
75 x 75	215	324	281	357	443	689
75 x 100	287	432	375	477	591	919
100 x 50	191	288	250	318	394	612
100 x 62	237	357	310	394	488	760
100 x 75	287	432	375	477	591	919
100 x 100	383	576	500	636	788	1225

Note: Consult PANDUIT catalog for NNC and TMC duct availability in sizes above. Wire fill based on 50% of duct internal cross-sectional area. Formula = Nominal Area/1.75 x D².

NOMINAL Duct Size (W x H) mm	For Type FL Flexible Wiring Duct (Capacities based on MTW wire) — Maximum Number of Wires —					
	12 AWG		14 AWG		16 AWG	
	O.D.= 3.9	O.D.= 3.1	O.D.= 3.4	O.D.= 3.0	O.D.= 2.7	O.D.= 2.2
12 x 12	3	5	5	6	7	12
25 x 25	16	25	21	27	34	53
50 x 50	67	100	87	111	137	214

Wire fill based on 50% of duct internal cross-sectional area. Formula = Nominal Area/2.50 x D².

Duct Size (W x H) In.	For PANELMAX™ Corner Wiring Duct (Capacities based on MTW wire) — Maximum Number of Wires —					
	12 AWG		14 AWG		16 AWG	
	O.D.=.152	O.D.=.124	O.D.=.133	O.D.=.118	O.D.=.106	O.D.=.085
4.40 x 3.57	380	571	496	631	782	1216
5.33 x 4.58	582	875	760	966	1197	1862

Wire fill based on 50% of duct internal cross-sectional area. Formula = Internal Area/2.00 x D². CDW3 area = 17.58 in.², CWD4 area = 26.92 in.².

Duct Size (W x H) In.	For PANELMAX™ DIN Rail Wiring Duct (Capacities based on MTW wire) — Maximum Number of Wires in Each Channel —					
	12 AWG		14 AWG		16 AWG	
	O.D.=.152	O.D.=.124	O.D.=.133	O.D.=.118	O.D.=.106	O.D.=.085
6.25 x 2.12	103	154	134	170	211	329
7.25 x 3.12	141	212	184	234	290	452
8.25 x 4.12	264	398	345	439	544	847

For more information

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Contact Customer Service by email: cs@panduit.com
or by phone: 800-777-3300 and reference WDSG03

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