

capacity of U-PVC DLP trunking systems for installation

Insulation resistance : all the DLP plastic range (including accessories) insulation resistance superior to 5 megohms

CV : Cover

1 Cross-section in mm² (or diameter for ELV cables) depending on number of conductors

Normal cross-section of cores (mm ²)	Cable									
	1 conductor		2 conductors		3 conductors		4 conductors		5 conductors	
	Usable cross-section (mm ²)	Maximum Ø (mm)	Usable cross-section (mm ²)	Maximum Ø (mm)	Usable cross-section (mm ²)	Maximum Ø (mm)	Usable cross-section (mm ²)	Maximum Ø (mm)	Usable cross-section (mm ²)	Maximum Ø (mm)
1.5	44	6.6	111	10.5	121	11.0	144	12.0	169	13.0
2.5	49	7.0	133	11.5	157	12.5	169	13.0	211	14.5
4	58	7.6	169	13.0	183	13.5	211	14.5	256	16.0
6	68	8.2	196	14.0	225	15.0	256	16.0	307	17.5
10	85	9.2	256	16.0	289	17.0	343	18.5	400	20.0
16	111	10.5	43	18.5	381	19.5	441	21.0	529	23.0
25	157	12.5	484	22.0	553	23.5	651	25.5	784	28.0
35	183	13.5	601	24.5	676	26.0	813	28.5	993	31.5
50	225	15.0	-	-	841	29.0	1 057	32.5	-	-

Example

A - Description :

- 2 cables 3 x 1.5²
- 10 cables 4 x 4²
- 4 cables 4 x 2.5²

B - Calculation of cumulative cable cross-sections : See table 1

	Theoretical cross-section (mm ²)	Practical cross-section (mm ²)
2 cables 3 x 1.5 ²	2 x 121 =	242
4 cables 4 x 2.5 ²	4 x 169 =	676
10 cables 4 x 4 ²	10 x 211 =	2 110
TOTAL		3 028

*K (filling factor) = 1.10 Section = 3 028 x 1.10 = **3 330 mm²**

C - Trunking selection See table 2

2 Capacity of trunking

	Cross-section (mm ²) Max. Ø (mm ²)	80 x 50		105 x 50	
		CV65	CV40	CV40	CV85
Trunking only	Cross-section	3380	1930	1930	4330
	Max. Ø	40	28	43	28
With Arteor™ support	Cross-section	1830	1410	1410	2300
	Max. Ø	2 x 18	2 x 21	2 x 21	2 x 24

CV : Cover

	Cross-section (mm ²) Max. Ø (mm ²)	150 x 50									
		CV40	CV40	CV40	CV65	CV65	CV40	CV85	CV40	CV130	
Trunking only	Cross-section	2000	1570	2000	3020	3020	2000	3020	2000	4020	6470
	Max. Ø	28	28	43	43	2x43	43	28	28	28	
With Arteor™ support	Cross-section	1480	1050	1480	1470	1470	1480	1990	-	-	
	Max. Ø	24	2x17	24	18	18	24	26	-	-	

	Cross-section (mm ²) Max. Ø (mm ²)	195 x 50																	
		CV40	CV40	CV40	CV65	CV40	CV65	CV65	CV65	CV40	CV40	CV85	CV40	CV130	CV40	CV85	CV85	CV180	
Trunking only	Cross-section	2000	1570	1570	2000	3020	1570	3020	3020	2580	2000	2000	3590	2000	6040	2000	4020	8470	
	Max. Ø	28	28	28	28	43	28	43	43	42	28	28	42	28	2 x 42	28	43	43	3 x 42
With Arteor™ support	Cross-section	1480	1050	1050	1480	1470	1050	1470	1470	1030	1480	1480	1560	1480	-	1480	1990	1990	-
	Max. Ø	2 x 21	2 x 17	2 x 17	2 x 21	18	2 x 17	18	18	14	2 x 21	2 x 21	2 x 18	2 x 21	-	2 x 21	26	26	-

Selection chart for Installation of trunking, Additional accessories

Cover	Bases		Internal angles 80° - 100°			External angles 60° - 120			Flat angles		Flat junction			Clips
	Joint for covers	Base joint	End caps	Angles	Partition junction	VDI access.	Angles	Partition junction	VDI access.	Angles	VDI access.	Angles	Partition junction	
0108 01	0106 91	0107 22	0106 02	-	0107 80	0106 22	-	0107 81	0107 67	0107 82	0107 32	-	0107 83	0106 82
0108 02	0106 91	0107 02	0106 02	-	0107 80	0106 22	-	0107 81	0107 85	0107 82	0107 32	-	0107 83	0106 82
0108 00	0106 91	0107 02	0106 02	0106 11	-	0106 22	0106 32	-	-	-	0107 32	0107 42	-	0106 82
0108 04	0106 91	0107 06	0106 02	-	-	0106 22	-	-	0107 89	-	0107 32	-	-	0106 86
0108 01	0106 91	0107 06	0106 02	0106 11	0107 80	0106 22	0106 32	0107 81	0107 89	0107 82	0107 32	0107 42	0107 83	0106 82
0108 02	0106 91	0107 06	0106 02	0106 11	0107 80	0106 22	0106 32	0107 81	0107 89	0107 82	0107 32	0107 42	0107 83	0106 82
0108 00	0106 91	0107 06	0106 02	0106 11 x 2	-	0106 22	0106 32 x 2	-	0107 89	-	0107 32	0107 42	-	0106 82
0108 06	0106 91	0107 07	0106 02	-	-	0106 22	-	-	0107 92	-	0107 32	-	-	0106 86
0108 02	0106 91	0107 07	0106 02	0106 11	0107 80	0106 22	0106 32	0107 81	0107 92	0107 82	0107 32	0107 42	0107 83	0106 82
	0106 91	0107 07	0106 02	0106 11	0107 80	0106 22	0106 32	0107 81	0107 92	0107 82	0107 32	0107 42	0107 83	
	0106 91	0107 07	0106 02	0106 11 x 2	0107 80	0106 22	0106 32 x 2	0107 81	0107 92	0107 82	0107 32	0107 42	0107 83	0106 82
	0106 91	0107 07	0106 02	0106 11 x 2	0107 80	0106 22	0106 32 x 2	0107 81	0107 92	0107 82	0107 32	0107 42	0107 83	0106 82
0108 00	0106 91	0107 07	0106 02	0106 11 x 3	-	0106 22	0106 32 x 3	-	0107 92	-	0107 32	0107 42	-	0106 82

DLP mini trunking systems

for cable distribution

Selection chart for DLP mini trunking

	Length	Finishing Accessories				Junction Elements
WHITE	2 m	End cap	Internal angle	External angle	Flat angle	Flat junction
32 x 12.5	0300 15	0312 03	0302 51	0302 51	0302 53	0302 54
32 x 16	0308 04	0312 07	0333 25	0333 25	0333 27	0333 30
32 x 20	0300 17	0312 09	0302 71	0302 71	0302 73	0302 74

Bold catalogue numbers are products normally available with Legrand (India) stockists.

Cat. nos. that are not bold - delivery within 4 - 8 weeks from the date of order.

Bold packing quantity is our mandatory packing. Orders to be placed by Legrand (India) stockists in multiples of the same.

DLP U-PVC trunking system and accessories 105 x 50
trunking and fittings



Selection table (p. 374-375)
Cable carrying capacity (p. 373)

Pack	Cat.Nos	Trunking
		Suitable for a wide range of requirements and applications: - Distribution: large wiring capacity and wide access to the wiring space - Installation: can be used with various ranges of wiring accessories - Flexible cover which continuous even on angles - Adjustable internal and external angles - U-PVC trunking
		Bodies Supplied without cover Length 2 m
20 ⁽¹⁾	0104 22	105 x 50 mm
		Flexible cover Fits onto the whole branch including in internal or external angles Full cover width 85 mm Two covers width 40 mm Length 2 m
20 ⁽¹⁾ 20	0105 22 0105 20	
		Partitions Separation partition for 105 x 50 trunking Length 2 m
24 ⁽¹⁾	0105 82	
48	0104 72	Plastic clip-on partition
12	0111 06	Aluminium clip-on partition
		Joints Body joint For aligning bases during installation
20/200	0106 91	
10/100	0108 02	Cover joint for 85 mm width
10/100	0108 00	Cover joint for 40 mm width

Pack	Cat.Nos	Angles and end caps (continued)
		Flat angle 90° flat angle
10	0107 85	
		End cap Left or right end cap
20/100	0107 02	
		Junctions Flat angles
10	0107 32	
		For tap-off to an 80 mm wide branch
5/25	0107 35	For 35 x 105 and 50 x 105 trunkings
		For tap-off to a 105 mm wide branch equipped with a 65 mm cover
5/25	0107 37	For 50 x 105 mm trunking
		For tap-off to an 105 mm wide branch equipped with an 85 mm cover
5/25	0107 36	For 35 x 105 and 50 x 105 trunkings
		Partion junction For internal angles
5/50	0106 11	
		For external angles
5/50	0106 32	
		For flat angles
5/25	0107 42	

Angles and end caps		
		Internal and external angles Include the 2 components for the top and bottom of the trunking on which the flexible cover is fitted
10/40	0106 02	Internal angle, adjustable from 80° to 100°
10/50	0106 22	External angle, adjustable from 60° to 120°

Accessories		
		Holding cables in place Clip
50	0106 82	
		VDI accessories For internal angles
5/50	0107 80	
		For external angles
5/50	0107 81	
		For flat angles
5/50	0107 82	
		For flat junctions
5/50	0107 83	

(1) Number of meters in pack

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DLP U-PVC adaptable trunking system and accessories 150 x 50

trunking and fittings



Selection table (p. 374-375)
Cable carrying capacity (p. 373)

Pack	Cat.Nos	Trunking
		Suitable for a wide range of requirements and applications: - Distribution: large wiring capacity and wide access to the wiring space - Installation: can be used with various ranges of wiring accessories - Flexible cover which continuous even on angles - Adjustable internal and external angles - U-PVC trunking
		Bodies Supplied without cover Length 2 m
20 ⁽¹⁾	0104 32	150 x 50 mm
		Flexible cover Fits onto the whole branch including in internal or external angles
8	0105 24	Full cover width 130 mm
20	0105 22	Full cover width 85 mm
20	0105 21	Full cover width 65 mm
20	0105 20	Full cover width 40 mm Length 2 m
		Partitions
24 ⁽¹⁾	0105 82	Separation partition for 105 x 50 trunking Length 2 m
48	0104 72	Plastic clip-on partition
12	0111 06	Aluminium clip-on partition
		Joints
20/200	0106 91	Body joint For aligning bases during installation
10/100	0108 04	Cover joint for 130 mm width
10/100	0108 02	Cover joint for 85 mm width
10/100	0108 01	Cover joint for 65 mm width
10/100	0108 00	Cover joint for 40 mm width

Angles and end caps		
Internal and external angles Include the 2 components for the top and bottom of the trunking on which the flexible cover is fitted		
10/40	0106 02	Internal angle, adjustable from 80° to 100°
10/50	0106 22	External angle, adjustable from 60° to 120°

Pack	Cat.Nos	Angles and end caps (continued)
5	0107 89	Flat angle 90° flat angle
10/50	0107 06	End cap Left or right end cap
Junctions		
10	0107 32	Flat angles
5/25	0107 35	To tap-off to an 80 mm wide branch
5/25	0107 37	To tap-off to a 105 mm wide branch equipped with a 65 mm cover
5/25	0107 36	To a tap-off to a 105 mm wide branch equipped with a 85 mm cover
Partion junction		
5/50	0106 11	For internal angles
5/50	0106 32	For external angles
5/25	0107 42	For flat angles

Accessories		
Holding cables in place		
50	0106 86	Clip for 130 mm width cover
50	0106 82	Clip for 65 mm width cover
VDI accessories		
5/50	0107 80	For internal angles
5/50	0107 81	For external angles
5/50	0107 82	For flat angles
5/50	0107 83	For flat junctions

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