

Channel Cable Tray - Straight Sections

Straight Section Part Numbering

Prefix
Example: **A CC - 04 - 120**

Material

- **A** = Aluminum 6063-T4
- **G** = Type 1 - HDGAF
- **P** = Type 2 - Pre-Galvanized
- **SS4** = 304 Stainless Steel
- **SS6** = 316 Stainless Steel

Type

- **CC** = Ventilated Cable Channel
- **CCN** = Non-Ventilated Cable Channel

Width

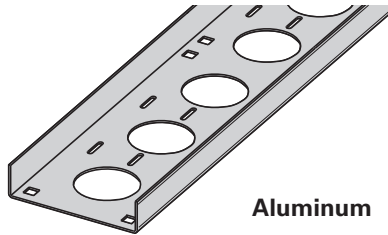
- **03** = 3"
- **04** = 4"
- **06** = 6"

Length

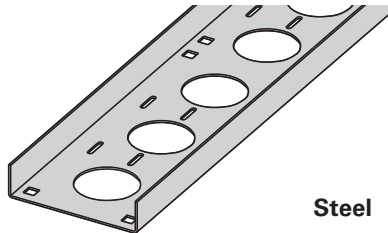
- ^① **144** = 12 ft.
- ^② **120** = 10 ft.

① Primary Length.
② Secondary Length.

See page C-23 for explanation of lengths.

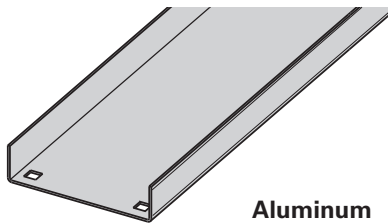


Aluminum

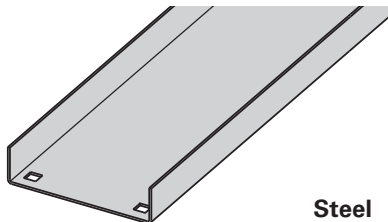


Steel

Ventilated



Aluminum



Steel

Non-Ventilated

ACC & ACCN03

3" (75mm) wide
1 1/4" (32mm) deep



ACC & ACCN04

4" (100mm) wide
1 3/4" (44mm) deep



ACC & ACCN06

6" (150mm) wide
1 3/4" (44mm) deep



PCC & PCCN03 SS4CC & SS4CCN03 SS6CC & SS6CCN03

3" (75mm) wide
1 1/4" (32mm) deep



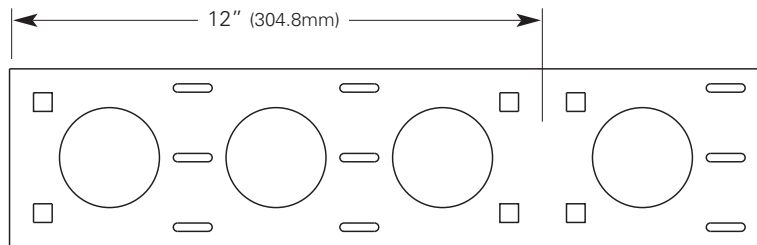
PCC & PCCN04 SS4CC & SS4CCN04 SS6CC & SS6CCN04

4" (100mm) wide
1 3/4" (44mm) deep



PCC & PCCN06 SS4CC & SS4CCN06 SS6CC & SS6CCN06

6" (150mm) wide
1 3/4" (44mm) deep



4" wide pattern shown

Ventilated straight sections contain 2 1/4" (57.1mm) diameter holes and 3/16" (4.7mm) x 7/8" (22.2mm) slots for cable attachment. Ventilated straight sections also have splice holes repeating every 12" (304.8mm) to simplify field modifications.

● Green = Fastest shipped items ● Black = Normal lead-time items ● Red = Normally long lead-time items

Channel Cable Tray - Straight Sections

Tray Data & Loading

Material Type	Tray Series	Width		Depth		UL Cross-Sectional Area	Span		Loading			
		in.	(mm)	in.	(mm)		ft.	(m)	lbs/ft	Deflection Multiplier	(kg/m)	Deflection Multiplier
Aluminum Ventilated	ACC-03	3	(76)	1 1/4	(32)	0.40 in ²	5	(1.5)	17	0.020	(26)	0.350
							6	(1.8)	12	0.042	(18)	0.720
							10	(3.0)	4	0.326	(6)	5.600
							12	(3.7)	3	0.676	(4)	12.000
Aluminum Ventilated	ACC-04	4	(101)	1 3/4	(44)	0.60 in ²	5	(1.5)	46	0.007	(69)	0.130
							6	(1.8)	32	0.015	(48)	0.260
							10	(3.0)	12	0.118	(17)	2.000
							12	(3.7)	8	0.244	(12)	4.200
Aluminum Ventilated	ACC-06	6	(152)	1 3/4	(44)	0.60 in ²	5	(1.5)	60	0.006	(90)	0.110
							6	(1.8)	42	0.013	(62)	0.230
							10	(3.0)	15	0.102	(22)	1.700
							12	(3.7)	10	0.211	(16)	3.600
Aluminum Non-Ventilated	ACCN-03	3	(76)	1 1/4	(32)	0.40 in ²	5	(1.5)	23	0.020	(34)	0.350
							6	(1.8)	16	0.042	(24)	0.720
							10	(3.0)	6	0.326	(9)	5.600
							12	(3.7)	4	0.676	(6)	12.000
Aluminum Non-Ventilated	ACCN-04	4	(101)	1 3/4	(44)	0.60 in ²	5	(1.5)	46	0.007	(69)	0.130
							6	(1.8)	32	0.015	(48)	0.260
							10	(3.0)	12	0.118	(17)	2.000
							12	(3.7)	8	0.244	(12)	4.200
Aluminum Non-Ventilated	ACCN-06	6	(152)	1 3/4	(44)	0.60 in ²	5	(1.5)	60	0.006	(90)	0.110
							6	(1.8)	42	0.013	(62)	0.230
							10	(3.0)	15	0.102	(22)	1.700
							12	(3.7)	10	0.211	(16)	3.600
Steel & Stainless Steel Ventilated	PCC-03 SS4CC-03 SS6CC-03	3	(76)	1 1/4	(32)	0.20 in ²	5	(1.5)	24	0.013	(36)	0.220
							6	(1.8)	17	0.028	(25)	0.480
							10	(3.0)	6	0.216	(9)	3.700
							12	(3.7)	4	0.447	(6)	7.600
Steel & Stainless Steel Ventilated	PCC-04 SS4CC-04 SS6CC-04	4	(101)	1 3/4	(44)	0.40 in ²	5	(1.5)	52	0.0039	(77)	0.070
							6	(1.8)	36	0.0082	(54)	0.140
							10	(3.0)	13	0.063	(19)	1.100
							12	(3.7)	9	0.130	(13)	2.200
Steel & Stainless Steel Ventilated	PCC-06 SS4CC-06 SS6CC-06	6	(152)	1 3/4	(44)	0.40 in ²	5	(1.5)	59	0.003	(88)	0.050
							6	(1.8)	41	0.0063	(61)	0.110
							10	(3.0)	15	0.049	(22)	0.840
							12	(3.7)	10	0.101	(15)	1.700
Steel & Stainless Steel Non-Ventilated	PCCN-03 SS4CCN-03 SS6CCN-03	3	(76)	1 1/4	(32)	0.20 in ²	5	(1.5)	24	0.013	(36)	0.220
							6	(1.8)	17	0.028	(25)	0.480
							10	(3.0)	6	0.216	(9)	3.700
							12	(3.7)	4	0.447	(6)	7.600
Steel & Stainless Steel Non-Ventilated	PCCN-04 SS4CCN-04 SS6CCN-04	4	(101)	1 3/4	(44)	0.40 in ²	5	(1.5)	52	0.0039	(77)	0.070
							6	(1.8)	36	0.0082	(54)	0.140
							10	(3.0)	13	0.063	(19)	1.100
							12	(3.7)	9	0.130	(13)	2.200
Steel & Stainless Steel Non-Ventilated	PCCN-06 SS4CCN-06 SS6CCN-06	6	(152)	1 3/4	(44)	0.40 in ²	5	(1.5)	59	0.003	(88)	0.050
							6	(1.8)	41	0.0063	(61)	0.110
							10	(3.0)	15	0.049	(22)	0.840
							12	(3.7)	10	0.101	(15)	1.700