

A.
System
Overview

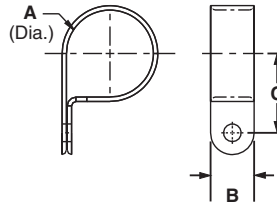
Fixed Diameter Cable Clamps

- Durable Nylon 6.6 cable clamps

B1.
Cable Ties



B2.
Cable
Accessories



B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

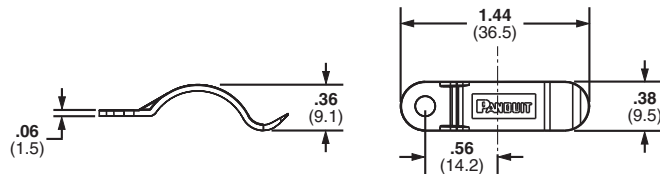
F.
Index

Part Number	Max. Bundle Diameter A		Width B		Bundle Offset C		Mounting Method	Std. Pkg. Qty	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm			
CCS12-S8-C	.12	3.1	.37	9.4	.33	8.4	#8 (M4) Screw	100	500
CCS19-S8-C	.19	4.8	.37	9.4	.43	10.9	#8 (M4) Screw	100	500
CCS25-S8-C	.25	6.3	.37	9.4	.41	10.4	#8 (M4) Screw	100	500
CCS25-S10-C	.25	6.3	.37	9.4	.41	10.4	#10 (M5) Screw	100	500
CCS31-S8-C	.31	7.9	.37	9.4	.49	12.4	#8 (M4) Screw	100	500
CCS38-S8-C	.38	9.5	.37	9.4	.59	15.0		100	500
CCS44-S8-C	.44	11.1	.37	9.4	.57	14.5		100	500
CCS50-S8-C	.50	12.7	.37	9.4	.60	15.2		100	500
CCH12-S10-C	.12	3.1	.50	12.7	.36	9.1	#10 (M5) Screw	100	500
CCH19-S10-C	.19	4.8	.50	12.7	.42	10.7		100	500
CCH25-S10-C	.25	6.3	.50	12.7	.46	11.7		100	500
CCH31-S10-C	.31	7.9	.50	12.7	.50	12.7		100	500
CCH38-S10-C	.38	9.5	.50	12.7	.53	13.5		100	500
CCH44-S10-C	.44	11.1	.50	12.7	.56	14.2		100	500
CCH50-S10-C	.50	12.7	.50	12.7	.59	15.0		100	500
CCH56-S10-C	.56	14.2	.50	12.7	.61	15.5		100	500
CCH62-S10-C	.62	15.7	.50	12.7	.65	16.5		100	500
CCH69-S10-C	.69	17.5	.50	12.7	.75	19.1		100	500
CCH75-S10-C	.75	19.1	.50	12.7	.78	19.8		100	500
CCH81-S10-C	.81	20.6	.50	12.7	.81	20.6		100	500
CCH87-S10-C	.87	22.1	.50	12.7	.84	21.3		100	500
CCH100-S10-C	1.00	25.4	.50	12.7	.91	23.1		100	500
CCH112-S10-C	1.12	28.4	.50	12.7	.97	24.6	100	500	
CCH119-S10-C	1.19	30.2	.50	12.7	1.00	25.4	100	500	
CCH125-S10-C	1.25	31.8	.50	12.7	1.06	26.9	100	500	
CCH138-S10-C	1.37	34.8	.50	12.7	1.12	28.4	100	500	
CCH150-S10-C	1.50	38.1	.50	12.7	1.19	30.2	100	500	

All parts listed are also available in black weather resistant material (add suffix 0). Bulk package only.

Wire Retainers

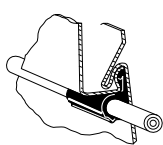
- Wires slide into the clip and are held in place by tension
- Low profile design holds wires, cables, and tubing
- Funnel entry design allows for easy insertion of cords and cables



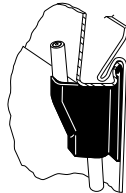
Part Number	Max. Bundle Diameter		Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm						
TWR-C	0.38	9.5	Nylon 6.6	Natural	Indoors	#6 (M3) Screw	100	500
TWR-C0	0.38	9.5	Weather Resistant Nylon 6.6	Black	Outdoors		100	500

Siding Clips

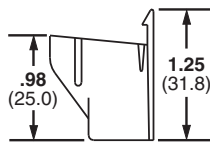
- Low profile installs without drilling or nailing
- Attach coax cable to buildings having "Pittsburgh Interlok" type aluminum or steel siding
- Will not corrode or stain siding



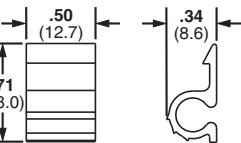
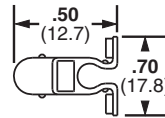
Horizontal Siding Clip



Vertical Siding Clip



VSC Vertical Clip



HSC Horizontal Clip

Part Number	Max. Bundle Diameter		Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm					
HSC.25-L	0.25	6.4	Nylon 6.6	White	Clip	50	500
HSC.25-L100	0.25	6.4	Weather Resistant Polypropylene	Black		50	500
VSC.25-L	0.25	6.4	Nylon 6.6	White		50	500
VSC.25-L100	0.25	6.4	Weather Resistant Polypropylene	Black		50	500

A. System Overview

Wire Standoffs

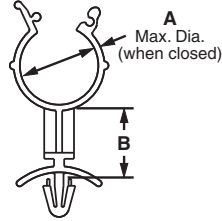
B1. Cable Ties

- For retaining wires, cable, components or tubing away from panel or conductive chassis
- Design of wing provides added stability
- Material: Nylon 6.6
- Finger grip flanges can be easily locked or unlocked for revisions
- For indoor use only

B2. Cable Accessories



B3. Stainless Steel Ties



C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

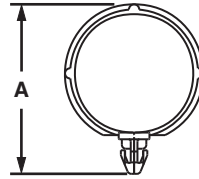
E5. Lockout/Tagout & Safety Solutions

F. Index

Part Number	Max. Bundle Diameter A		Standoff Height B		Max. Panel Thickness		Panel Hole Diameter		Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm				
WS25-25-C	.25	6.4	.25	6.4	.08	2.0	.19	4.7	Natural	Push Barb	100	500
WS25-50-C	.25	6.4	.50	12.7	.08	2.0	.19	4.7			100	500
WS25-75-C	.25	6.4	.75	19.1	.08	2.0	.19	4.7			100	500
WS35-25-C	.35	8.9	.25	6.4	.08	2.0	.19	4.7			100	500
WS35-50-C	.35	8.9	.50	12.7	.08	2.0	.19	4.7			100	500
WS35-75-C	.35	8.9	.75	19.1	.08	2.0	.19	4.7			100	500
WS50-25-C	.47	11.9	.25	6.4	.08	2.0	.19	4.7			100	500
WS50-50-C	.47	11.9	.50	12.7	.08	2.0	.19	4.7			100	500
WS50-75-C	.47	11.9	.75	19.1	.08	2.0	.19	4.7			100	500
WS75-25-C	.78	19.8	.25	6.4	.08	2.0	.19	4.7			100	500
WS75-50-C	.78	19.8	.50	12.7	.08	2.0	.19	4.7			100	500
WS75-75-C	.78	19.8	.75	19.1	.08	2.0	.19	4.7			100	500

® Snap-In Clips

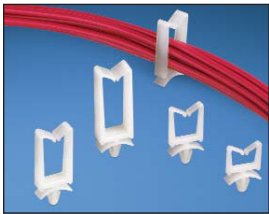
- Clip around bundle to hold securely in place
- Clips are placed on the bundle then attached to the panel
- Material: Nylon 6.6
- For indoor use only



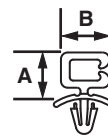
Part Number	Max. Bundle Diameter		Height A		Max. Panel Thickness		Panel Hole Diameter		Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm				
SICH25-C	.25	6.4	.40	20.9	.10	2.5	.25	6.4	Natural	Push Barb	100	500
SICH38-C	.38	9.7	.54	24.9	.10	2.5	.25	6.4			100	500
SICH50-C	.50	12.7	.67	28.2	.10	2.5	.25	6.4			100	500
SICH75-C	.75	19.1	.96	35.6	.10	2.5	.25	6.4			100	500
SICH100-C	1.00	25.4	1.21	41.9	.10	2.5	.25	6.4			100	500
SICH150-C	1.50	38.0	1.71	54.6	.10	2.5	.25	6.4			100	500

® Wire Saddles

- Funnel entry design for fast insertion of wires and cables
- Available in vertical and horizontal loading configurations
- Design of wing provides added stability
- Material: Nylon 6.6
- For indoor use only



VWS Vertical



HWS Horizontal

Part Number	Max. Bundle Capacity		Height A		Width B		Max. Panel Thickness		Panel Hole Diameter		Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm				
VWS4218-C	0.18 x 0.42	5.0 x 10.7	0.58	14.7	0.60	15.2	0.08	2.0	0.19	4.7	Natural	Push Barb	100	500
VWS4238-C	0.40 x 0.42	10.2 x 10.7	0.78	19.8	0.60	15.2	0.08	2.0	0.19	4.7			100	500
VWS4274-C	0.74 x 0.42	19.0 x 10.7	1.14	29.0	0.60	15.2	0.08	2.0	0.19	4.7			100	500
VWS42105-C	1.05 x .42	27.0 x 10.7	1.45	36.8	0.60	15.2	0.08	2.0	0.19	4.7			100	1000
HWS2819-C	0.19 x 0.28	5.0 x 7.1	0.42	10.7	0.44	11.2	0.08	2.0	0.19	4.7			100	500

A. System Overview



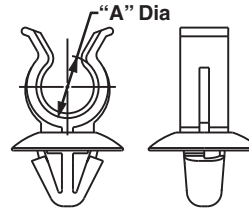
Corrugated Tubing Holder with Push Mount

B1. Cable Ties

- Use to secure and route all standard sizes of solid wall or slit corrugated loom tubing
- Ribs prevent lateral movement of corrugated loom tubing along the mount

- Rugged clip prevents accidental disassembly of tubing due to shock or vibration

B2. Cable Accessories



B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

Part Number	Nominal Diameter A		Max. Panel Thickness		Panel Hole Diameter		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm		
CTH19U04-C30	0.19	5	0.125	3.2	0.386	9.8	100	—
CTH35U08-C30	0.35	9	0.125	3.2	0.386	9.8	100	500
CTH38U10-C30	0.38	10	0.125	3.2	0.386	9.8	100	—
CTH50U13-C30	0.50	13	0.125	3.2	0.386	9.8	100	—
CTH62U17-C30	0.62	17	0.125	3.2	0.386	9.8	100	—
CTH87U22-C30	0.87	22	0.125	3.2	0.386	9.8	100	—

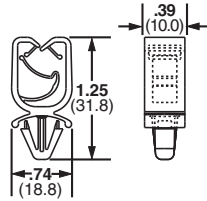
D1. Terminals

Harness Clips

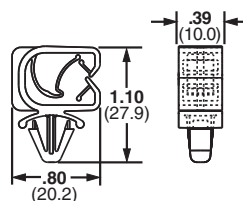
- Integral “spring” holds wire bundles tightly
- Available in vertical and horizontal loading configurations

- Design of wing provides added stability

D2. Power Connectors



HCMP06B



HCMP06C

D3. Grounding Connectors

E1. Labeling Systems

Part Number	Max. Bundle Diameter Range		Max. Panel Thickness		Panel Hole Diameter		Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm					
HCMP06B12-C20	.24 – .47	5.9 – 12.5	.118	3.0	.25	6.4	Nylon 6.6	Black	Push Mount	100	500
HCMP06C12-C20	.24 – .47	5.9 – 12.5	.105	2.7	.25	6.4				100	500

E4. Permanent Identification

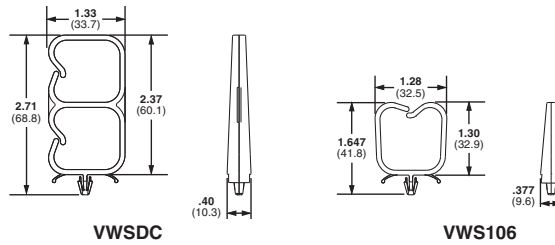
E5. Lockout/Tagout & Safety Solutions

F. Index

Optical Fiber Network Saddles

• Use in pre-drilled .18 inch (4.0mm) holes in panels up to .09 inch (2.0mm) thick

• Smooth rounded edges eliminate potential for snagging and stress on cable



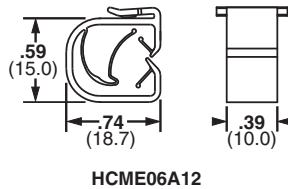
Part Number	Max. Bundle Diameter		Material	Mounting Method	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm					
VWSDC-C*	1.06	26.9	Nylon 6.6	Push Barb	Natural	100	500
VWSDC-C20*	1.06	26.9	Nylon 6.6	Push Barb	Black	100	—
VWS106-C	1.06	26.9	Nylon 6.6	Push Barb	Natural	100	500
VWS106-C20	1.06	26.9	Nylon 6.6	Push Barb	Black	100	500

*Accepts two bundles.

Nylon Edge Clips

• Integral “spring” holds wire bundles tightly
• Available in vertical and horizontal loading configurations

• Design of wing provides added stability
• Indoor/Outdoor use



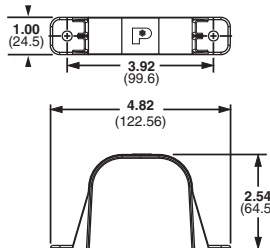
Part Number	Max. Bundle Diameter Range		Max. Panel Thickness		Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm					
HCME04Y09-C30*	0.16 – 0.35	4.0 – 9.0	0.16	4.0	Nylon 6.6 Heat Stabilized	Black	Clip onto Edge	100	—
HCME06A12-C130	0.24 – 0.47	5.9 – 12.5	0.05	1.2	Acetal Heat Stabilized			100	500
HCME06Y12-C30*	0.31 – 0.47	8.0 – 12.0	0.16	4.0	Nylon 6.6 Heat Stabilized			100	—

*Bulk packaging size available.

Wire Bundle Strap

• Securely routes large cable bundles

• Rounded edges prevent damage to cable jackets



Part Number	Bundle Retaining Area In. ²	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
WBS6-Q	6.00	ABS	White	(2) 1/4" (M6) Screws	25	125

A. System Overview

Circuit Board Posts

B1. Cable Ties

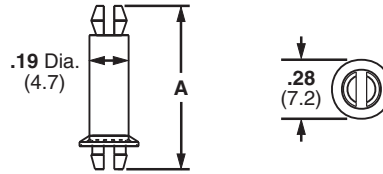
- For board-to-board or board-to-chassis mounting
- Bell flange on bottom end provides greater stability
- Releasable and reusable

- Material: Nylon 6.6
- Color: Natural

B2. Cable Accessories



B3. Stainless Steel Ties



Part Number	Standoff Height		Height A		Panel Hole Diameter		Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm			
CBP12-C	.12	3.0	.40	10.2	.156	3.96	Push Barb	100	500
CBP25-C	.25	6.4	.54	13.5	.156	3.96		100	500
CBP31-C	.31	7.9	.59	15.0	.156	3.96		100	500
CBP37-C	.37	9.4	.62	15.7	.156	3.96		100	500
CBP50-C	.50	12.7	.78	19.8	.156	3.96		100	500
CBP62-C	.62	15.7	.91	23.0	.156	3.96		100	500
CBP75-C	.75	19.1	1.04	26.2	.156	3.96		100	500
CBP87-C	.87	22.1	1.15	29.2	.156	3.96		100	500
CBP100-C	1.00	25.4	1.28	32.5	.156	3.96		100	500

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

Circuit Board Locking Supports

D2. Power Connectors

- For board-to-chassis support
- Snap-in design for fast assembly
- Design of wing provides added stability

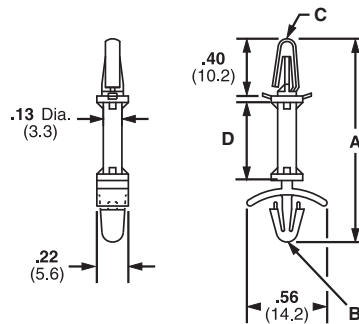
- Releasable and reusable
- Material: Nylon 6.6

D3. Grounding Connectors



E1. Labeling Systems

E2. Labels



Part Number	Height A		Panel Hole Diameter B		Chassis Panel Hole Diameter C		Standoff Height D		Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm				
CBLS18-C	.92	23.4	.19	4.8	.16	4.0	.19	4.7	Natural	Push Barb	100	500
CBLS25-C	.98	24.9	.19	4.8	.16	4.0	.25	6.4			100	500
CBLS37-C	1.11	28.2	.19	4.8	.16	4.0	.38	9.5			100	500
CBLS50-C	1.23	31.2	.19	4.8	.16	4.0	.50	12.7			100	500
CBLS62-C	1.35	34.3	.19	4.8	.16	4.0	.63	15.9			100	500
CBLS75-C	1.48	37.5	.19	4.8	.16	4.0	.75	19.1			100	500

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index