



**CONTEG®**  
to complete your network

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## Data Sheet

## High Density Wire Managers

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The new range of High Density Wire Managers from CONTEG ensures that cabling can be properly managed whilst maintaining bend radii for today's high speed data cabling and helping to optimize network throughput. The innovative design features unique fingers which have radiuses to promote effective bend radius management whilst maintaining user friendly operation. The covers for the wire managers feature a unique latching system that allows covers to be either swivelled or removed completely, without the use of tools, to allow access to the cable bundles.

### KEY FEATURES

#### Comprehensive wire management

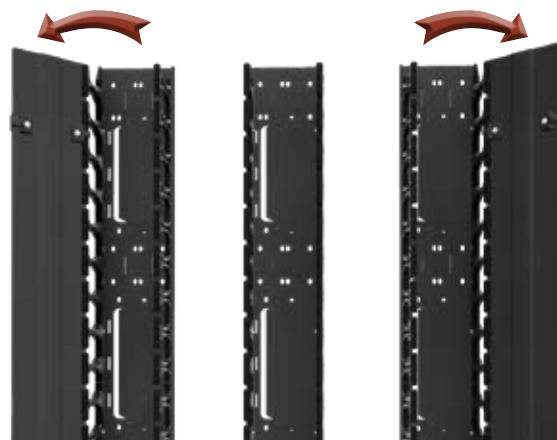
The CONTEG High Density Wire Managers are available in horizontal and vertical configurations with options for front only or front and rear fingers. Available in a wide range of sizes, the CONTEG High Density Wire Managers can be used in Rack and/or Frame deployments to allow excellent cable management regardless of your physical support technique.

#### Excellent design

High Density Wire Managers all feature lightweight aluminium alloy covers, sheet steel or aluminium alloy bases depending on size and configuration and plastic T-fingers.

#### High quality

CONTEG R&D team invested a lot of time ensuring that the whole High Density Wire Manager range gives your cabling system the optimum physical support whilst maintaining an aesthetically pleasing appearance that will enhance the look of any hi-tech data center.



Front / rear design

Front only design

### USER FRIENDLY OPERATION

The covers of the High Density Wire Managers are equipped with a unique latching system so that they may be easily opened (to the left or right) or removed completely for unhindered access to the installed cables. For ease of use the Vertical High Density Wire Managers covers are divided into 3 sections so that it is possible to remove part the of the cover required.

### APPLICATIONS

Cable management can have a serious impact on the efficiency of your data transmissions. Poorly managed cables can adversely effect network throughput whilst poorly arranged patch cords can make cabling moves, adds and changes difficult to achieve.

### UNIQUE FLEXIBILITY DESIGNED IN !

Vertical frame managers can be directly connected front to back using fixing kits supplies as standard. This means that you can tailor the capacities of your front & rear cable managers to suit your requirements. For example to achieve a configuration of 150x200 front & 250x200 rear simply connect VMF-15/20F and VMF-25/20F !

## DESCRIPTION

### Front/rear design

Provides a dual pathway for managing station and patch cables within the same High Density Wire Manager. Available in both horizontal and vertical orientations, except rack vertical which are front only.

### Front only design

Provides a simple pathway for cables, available in both horizontal and vertical orientations.

### Horizontal orientation

Horizontal High Density Wire Managers provide a horizontal pathway for managing cables between the installed equipment by mounting onto the 19" extrusions.

### Vertical orientation

Vertical High Density Wire Managers provide a vertical pathway for managing cables into and through the rack or frame and come complete with Velcro cable ties for optimum cable bundle management. Vertical Managers can be bolted together (front to back) to give greater configuration flexibility.

### Wiring Troughs

Adjustable Wiring Troughs allow the management of cables between Vertical High Density Wire Managers mounted at the front and rear of a rack or frame.

**INSTALLATION**  
vertical high density wire managers can be installed in standard L-profile extrusions as well as in high-load and C-type 19" vertical extrusions

**HDWM-VMR-ACT**  
horizontal adjustable cable troughs to lead the cables between front and rear vertical rack high density wire managers

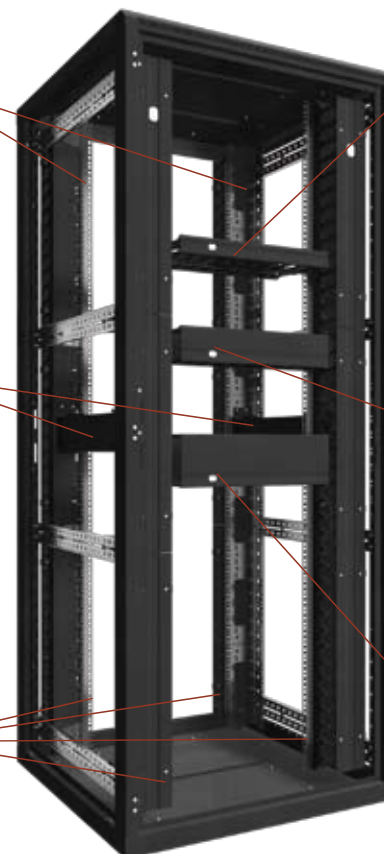
**HDWM-VMR-42-12/10F**  
vertical high density wire managers, applicable in rack deployment

**HDWM-HM-1FR**  
front/rear horizontal 1U high density wire manager, applicable in both rack and frame deployments

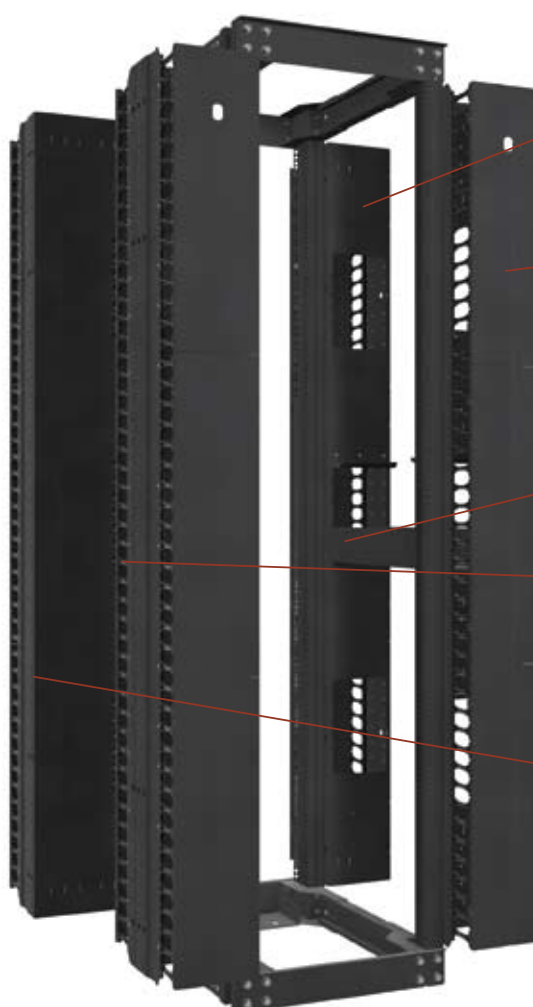
front/rear horizontal 2 or 3U high density wire manager with brush also available

**HDWM-HM-2F**  
front horizontal 2U high density wire manager, applicable in both rack and frame deployments

**HDWM-HM-3F**  
front horizontal 3U high density wire manager, applicable in both rack and frame deployments



An example of rack installation



**HDWM-VMF-47-25/20F**  
vertical high density wire manager, applicable in frame deployments

**HDWM-VMF-47-25/20F**  
vertical high density wire manager, applicable in frame deployments

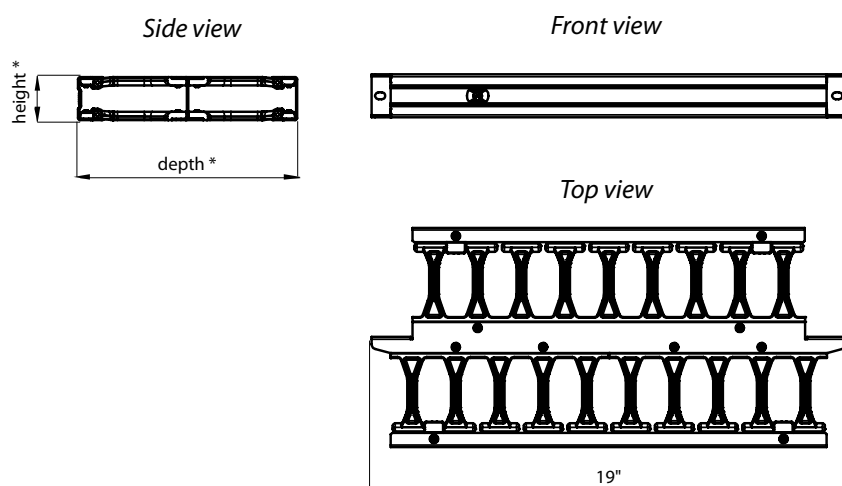
**HDWM-VMF-ACT**  
horizontal adjustable cable troughs to lead the cables between front and rear vertical open frame high density wire managers

**HDWM-VMF-47-25/20F (2x)**  
front wire managers shown joined to give front & rear cable management, applicable in frame deployments

**HDWM-VMF-47-25/30F**  
vertical high density wire manager, applicable in frame deployments

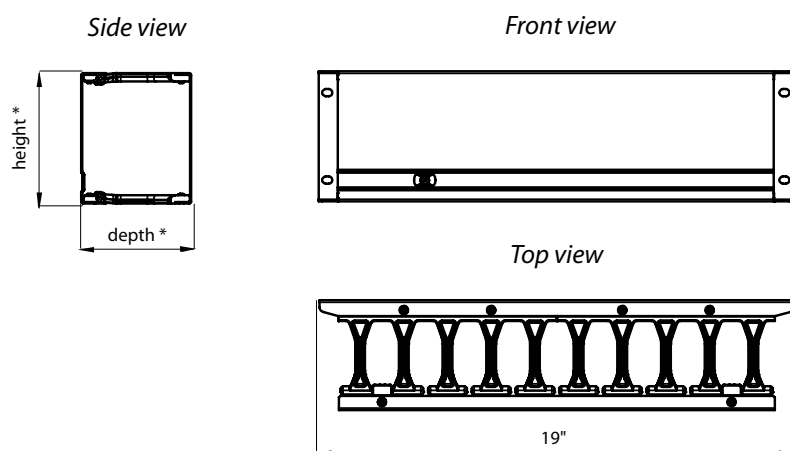
An example of open frame installation

## Horizontal high density wire managers - **front/rear**



\* for available heights and depths of horizontal HDWM please see table below

## Horizontal high density wire managers - **front only**

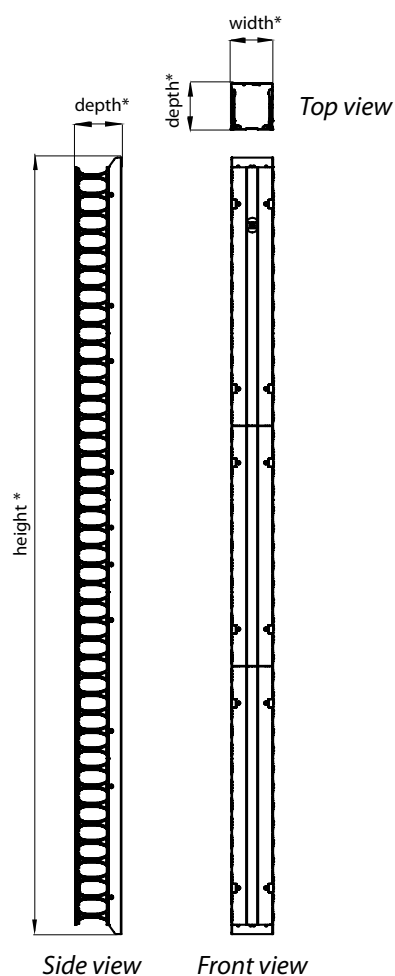


\* for available heights and depths of horizontal HDWM please see table below

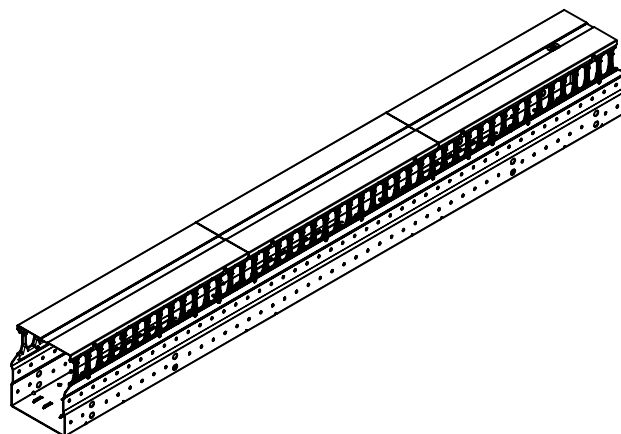
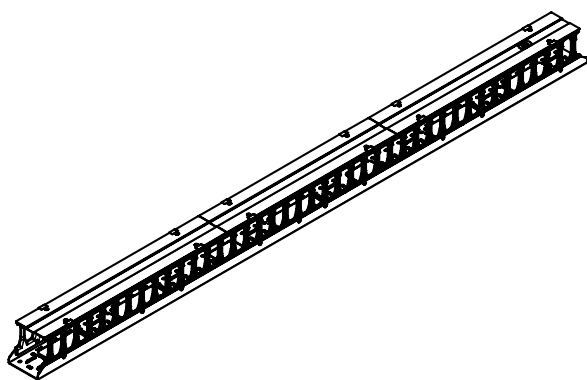
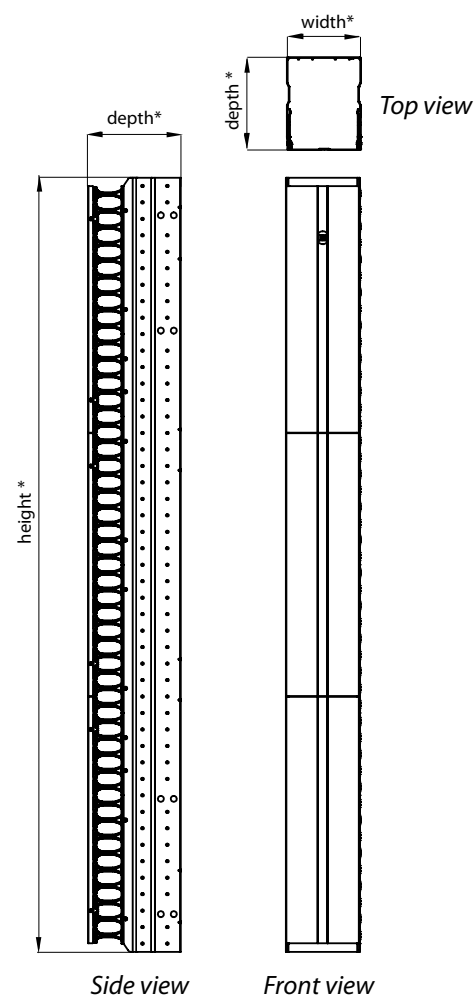
HORIZONTAL HIGH DENSITY WIRE MANAGERS							
Code	Installation	Type	Nr. of fingers		Dimensions		
			Front	Rear	H in U	W	D in mm
HDWM-HM-1F	Open frame/rack	Front	10	x	1	19"	112
HDWM-HM-1FR	Open frame/rack	Front/rear	10	9	1	19"	223
HDWM-HM-2F	Open frame/rack	Front	10	x	2	19"	112
HDWM-HM-2FR	Open frame/rack	Front/rear	10	9	2	19"	223
HDWM-HM-2FRB	Open frame/rack	Front/rear, brush	10	9	2	19"	223
HDWM-HM-3F	Open frame/rack	Front	10	x	3	19"	112
HDWM-HM-3FR	Open frame/rack	Front/rear	10	9	3	19"	223
HDWM-HM-3FRB	Open frame/rack	Front/rear, brush	10	9	3	19"	223

Standard equipment: manager, installation instructions, 4 mounting kits

## Vertical high density wire managers - rack installation



## Vertical high density wire managers - open frame installation

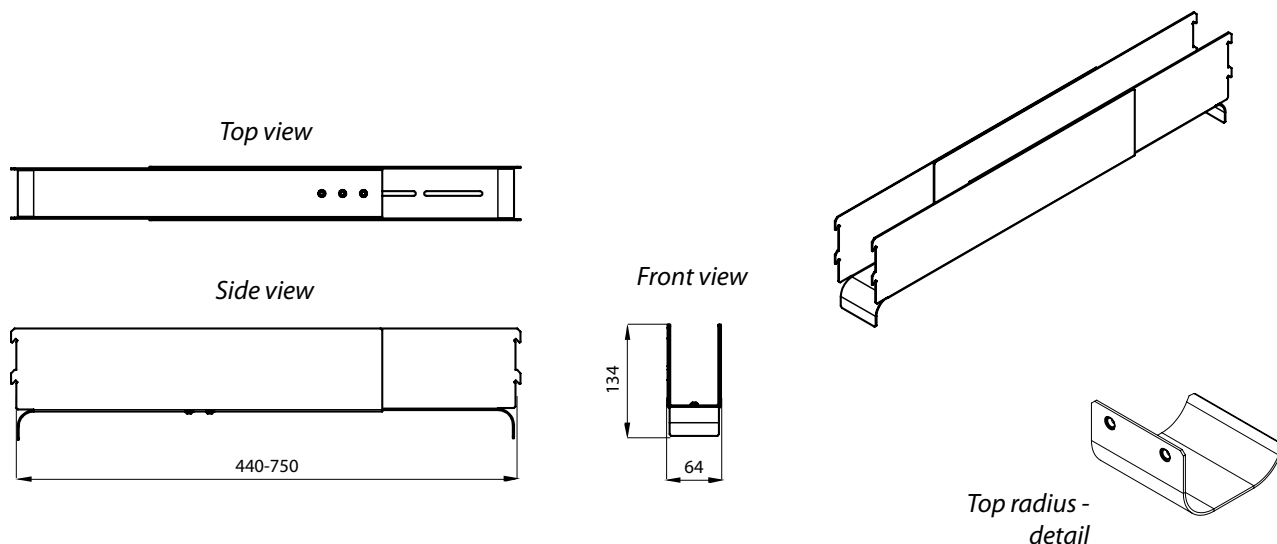


\* for available heights, widths and depths of vertical HDWM please see table below

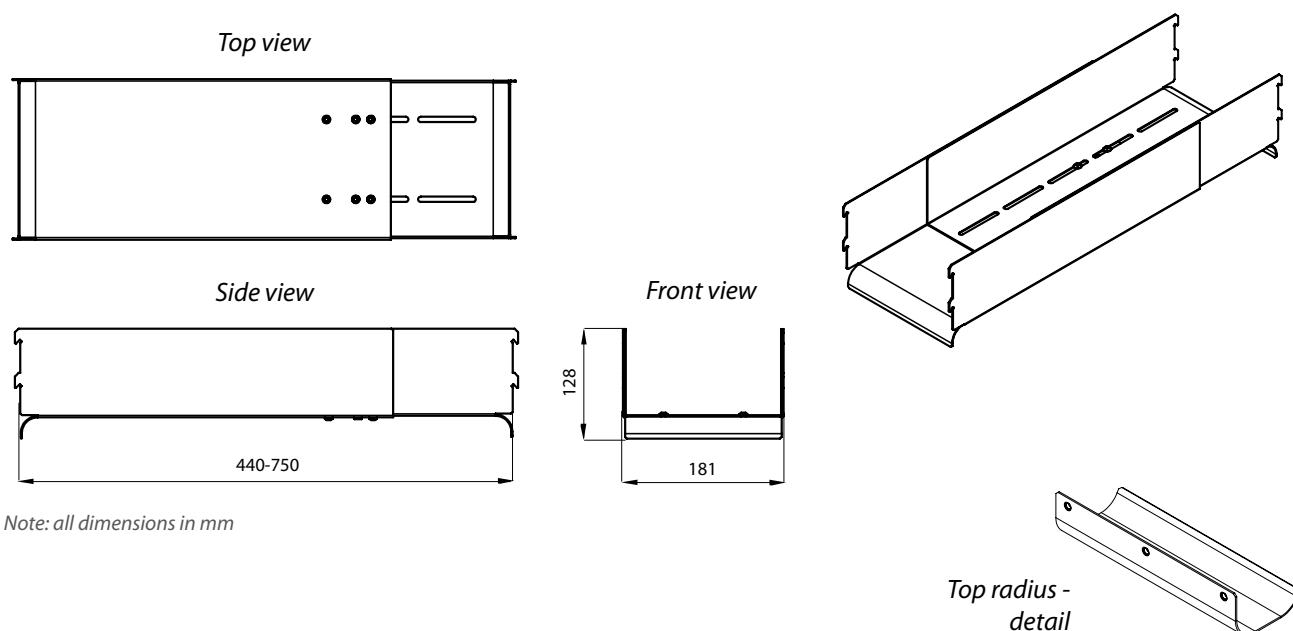
VERTICAL HIGH DENSITY WIRE MANAGERS							
Code	Installation	Type	Nr. of fingers		Dimensions		
			Front	Rear	H in U	W in mm	D in mm
HDWM-VMR-42-12/10F	Rack	Front	41	x	42	100	126
HDWM-VMR-45-12/10F	Rack	Front	44	x	45	100	126
HDWM-VMF-42-15/20F	Open frame	Front	41	x	42	151	200
HDWM-VMF-45-15/20F	Open frame	Front	44	x	45	151	200
HDWM-VMF-47-15/20F	Open frame	Front	46	x	47	151	200
HDWM-VMF-42-25/20F	Open frame	Front	41	x	42	251	200
HDWM-VMF-45-25/20F	Open frame	Front	44	x	45	251	200
HDWM-VMF-47-25/20F	Open frame	Front	46	x	47	251	200
HDWM-VMF-42-25/30F	Open frame	Front	42	x	41	251	300
HDWM-VMF-45-25/30F	Open frame	Front	44	x	45	251	300
HDWM-VMF-47-25/30F	Open frame	Front	46	x	47	251	300

Standard equipment: manager including blanking panels, installation instructions, mounting hardware, 10 velcro ties  
For front/rear design (only VMF panels) simply order respective front managers and install them easily together on the installation site by using enclosed hardware which is delivered in each box as standard

## Adjustable cable trough for vertical HDWM - **rack installation**



## Adjustable cable trough for vertical HDWM - **frame installation**



Note: all dimensions in mm

ACCESSORIES FOR HIGH DENSITY WIRE MANAGERS	
Code	Description
HDWM-VMR-19	Bracket for attachment of HDWM-VMR-xx-xx/xxF to 19" profiles (not required for ROF/RHF/RDF)
HDWM-VMR-ACT	Adjustable cable trough to manage cables between front and rear mounted vertical High Density Rack Wire Managers
HDWM-VMF-ACT	Adjustable cable trough to manage cables between front and rear mounted vertical High Density Frame Wire Managers
HDWM-VMF-B15	Bracket for attachment of HDWM-VMF-xx-15/xxF to back of open frame (not required for RSX/RSG and CPI/Panduit)
HDWM-VMF-B25	Bracket for attachment of HDWM-VMF-xx-25/xxFR to back of open frame (not required for RSX/RSG and CPI/Panduit)
HDWM-VMF-BLANK-42	Blank panel kit to close ACT holes for 42U VMF range of wire managers
HDWM-VMF-BLANK-45	Blank panel kit to close ACT holes for 45/47U VMF range of wire managers
HDWM-FSS-50	Fiber Storage Spools, 50mm deep, pair, including mounting hardware
HDWM-FSS-100	Fiber Storage Spools, 100mm deep, pair, including mounting hardware
HDWM-VCT	Velcro Cable Ties, 25mm x 300mm, pack 10, black

The whole range of High Density Wire Managers is recommended to be used together with ROF, RDF and RHF series 19" distribution racks wide 800mm and RSG (RSG4, RSG2) series 19" high-load open frames. Compatibility with racks and open frames of other vendors is supported but not guaranteed. Please contact us, if you are not sure about your rack's/frame's compatibility.