

# COMMScope®

## SYSTIMAX® InstaPATCH® Cu

### Exit Orientation and Panel

### Application Guide

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April 2015 Updated

connect+evolve

# Typical Panel-Trunk Configurations **COMMSCOPE®**

## Outlet A: Single Row Standard Density

|           |                           |
|-----------|---------------------------|
| 760118323 | M2400-1U-GS               |
| 760150144 | 360-IPR-MFTP-E-HD6B-1U-24 |
| 760151498 | 360-IPR-MFTP-E-HD6B-2U-48 |



### Typical Selections:

| Link        | Connector                                        | Orientation                    |
|-------------|--------------------------------------------------|--------------------------------|
| <b>B</b> 6  | <b>A</b> Outlet – Single Row Standard Density    | <b>1</b> Trident Series Flat   |
| <b>C</b> 8  |                                                  | <b>2</b> Right Paired Flat     |
| <b>D</b> 12 |                                                  | <b>3</b> Right Series Flat     |
| <b>E</b> 16 | <b>B</b> Outlet – Dual Row Standard Density      | <b>4</b> Left Paired Flat      |
| <b>F</b> 18 |                                                  | <b>5</b> Left Series Flat      |
| <b>G</b> 24 | <b>C</b> Outlet – Dual Row High Density          | <b>6</b> Trident Paired Flat   |
|             | <b>G</b> RJ45 Plug - Single Row Standard Density | <b>A</b> Trident Series Angled |
|             | <b>H</b> RJ45 Plug – Dual Row Standard Density   | <b>B</b> Right Paired Angled   |
|             | <b>J</b> RJ45 Plug – Dual Row High Density       | <b>C</b> Right Series Angled   |
|             | <b>N</b> 1100 Module                             | <b>D</b> Left Paired Angled    |
|             | <b>R</b> 360 1100 Evolve Module                  | <b>E</b> Left Series Angled    |
|             | <b>S</b> OneLink 2x6                             | <b>F</b> Trident Paired Angled |
|             | <b>T</b> OneLink 2x4                             |                                |



1 Trident Series Flat



3 Right Series Flat



5 Left Series Flat

Tip: Use the corresponding selections for plug.

# Typical Panel-Trunk Configurations **COMMSCOPE®**

## Outlet A: Single Row Standard Density

|           |                            |
|-----------|----------------------------|
| 760118349 | M2400A-1U-GS               |
| 760151290 | 360-IPR-MFTPA-E-HD6B-1U-24 |
| 760151746 | 360-IPR-MFTPA-E-HD6B-2U-48 |



### Typical Selections:

| Link        | Connector                                        | Orientation                    |
|-------------|--------------------------------------------------|--------------------------------|
| <b>B</b> 6  | <b>A</b> Outlet – Single Row Standard Density    | 1 Trident Series Flat          |
| C 8         |                                                  | 2 Right Paired Flat            |
| <b>D</b> 12 |                                                  | 3 Right Series Flat            |
| E 16        | <b>B</b> Outlet – Dual Row Standard Density      | 4 Left Paired Flat             |
| F 18        |                                                  | 5 Left Series Flat             |
| G 24        | <b>C</b> Outlet – Dual Row High Density          | 6 Trident Paired Flat          |
|             | <b>G</b> RJ45 Plug – Single Row Standard Density | <b>A</b> Trident Series Angled |
|             | <b>H</b> RJ45 Plug – Dual Row Standard Density   | <b>B</b> Right Paired Angled   |
|             | <b>J</b> RJ45 Plug – Dual Row High Density       | <b>C</b> Right Series Angled   |
|             | <b>N</b> 1100 Module                             | <b>D</b> Left Paired Angled    |
|             | <b>R</b> 360 1100 Evolve Module                  | <b>E</b> Left Series Angled    |
|             | <b>S</b> OneLink 2x6                             |                                |
|             | <b>T</b> OneLink 2x4                             | F Trident Paired Angled        |



**A** Trident Series Angled



**C** Right Series Angled



**E** Left Series Angled

Tip: Use the corresponding selections for plug.

# Typical Panel-Trunk Configurations **COMMSCOPE®**

## Outlet B: Dual Row Standard Density

|           |             |
|-----------|-------------|
| 760049932 | M2000-24 1U |
| 760049940 | M2000-48 2U |

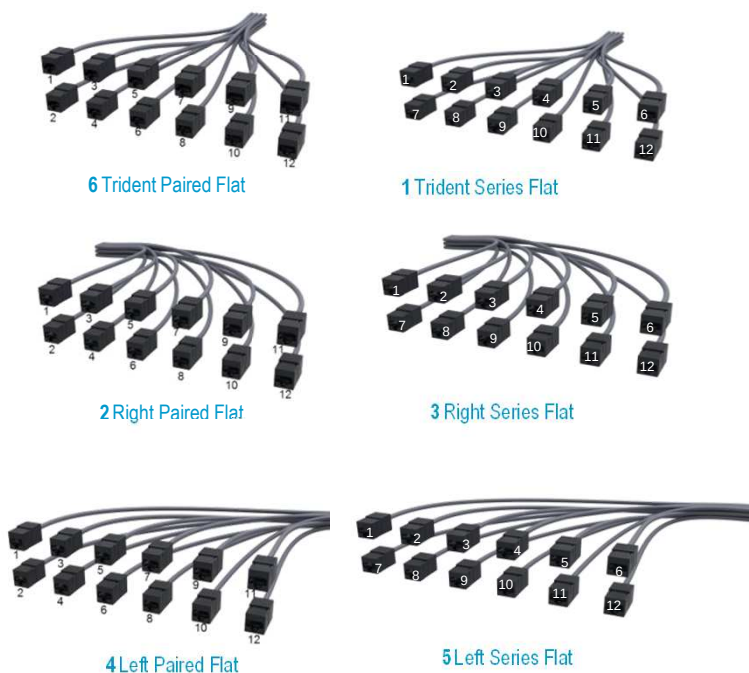


|           |                 |
|-----------|-----------------|
| 760101220 | M2100-24 1U     |
| 760077842 | M2100-48 2U     |
| 760187187 | 360-E-MOD-1U-24 |



### Typical Selections:

| Link        | Connector                                               | Orientation                    |
|-------------|---------------------------------------------------------|--------------------------------|
| <b>B</b> 6  | A Outlet –<br>Single Row<br>Standard<br>Density         | <b>1</b> Trident Series Flat   |
| <b>C</b> 8  |                                                         | <b>2</b> Right Paired Flat     |
| <b>D</b> 12 |                                                         | <b>3</b> Right Series Flat     |
| <b>E</b> 16 | <b>B</b> Outlet –<br>Dual Row<br>Standard<br>Density    | <b>4</b> Left Paired Flat      |
| <b>F</b> 18 |                                                         | <b>5</b> Left Series Flat      |
| <b>G</b> 24 |                                                         | <b>6</b> Trident Paired Flat   |
|             | C Outlet –<br>Dual Row High<br>Density                  | <b>A</b> Trident Series Angled |
|             | G RJ45 Plug –<br>Single Row<br>Standard<br>Density      | <b>B</b> Right Paired Angled   |
|             | <b>H</b> RJ45 Plug –<br>Dual Row<br>Standard<br>Density | <b>C</b> Right Series Angled   |
|             | J RJ45 Plug –<br>Dual Row High<br>Density               | <b>D</b> Left Paired Angled    |
|             | N 1100 Module                                           | <b>E</b> Left Series Angled    |
|             | R 360 1100<br>Evolve Module                             | <b>F</b> Trident Paired Angled |
|             | S OneLink 2x6                                           |                                |
|             | T OneLink 2x4                                           |                                |



Tip: Use the corresponding selections for plug.

# Typical Panel-Trunk Configurations **COMMSCOPE®**

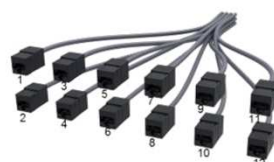
## Outlet B: Dual Row Standard Density

|           |              |
|-----------|--------------|
| 760049957 | M2000A-24 1U |
| 760049965 | M2000A-48 2U |

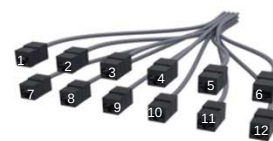


### Typical Selections:

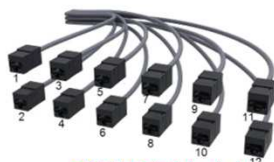
| Link        | Connector                                      | Orientation                    |
|-------------|------------------------------------------------|--------------------------------|
| <b>B</b> 6  | A Outlet – Single Row Standard Density         | 1 Trident Series Flat          |
| C 8         |                                                | 2 Right Paired Flat            |
| <b>D</b> 12 | <b>B</b> Outlet – Dual Row Standard Density    | 3 Right Series Flat            |
| E 16        |                                                | 4 Left Paired Flat             |
| F 18        |                                                | 5 Left Series Flat             |
| G 24        | C Outlet – Dual Row High Density               | 6 Trident Paired Flat          |
|             | G RJ45 Plug – Single Row Standard Density      | <b>A</b> Trident Series Angled |
|             | <b>H</b> RJ45 Plug – Dual Row Standard Density | <b>B</b> Right Paired Angled   |
|             | J RJ45 Plug – Dual Row High Density            | <b>C</b> Right Series Angled   |
|             | N 1100 Module                                  | <b>D</b> Left Paired Angled    |
|             | R 360 1100 Evolve Module                       | <b>E</b> Left Series Angled    |
|             | S OneLink 2x6                                  | <b>F</b> Trident Paired Angled |
|             | T OneLink 2x4                                  |                                |



**F** Trident Paired Angled



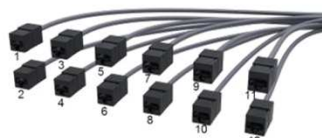
**A** Trident Series Angled



**B** Right Paired Angled



**C** Right Series Angled



**D** Left Paired Angled



**E** Left Series Angled

Tip: Use the corresponding selections for plug.



# Typical Panel-Trunk Configurations **COMMSCOPE®**

## Outlet B: Dual Row Standard Density

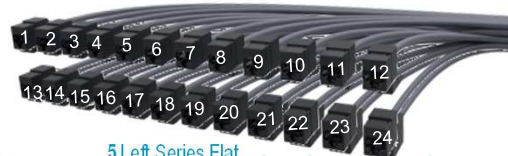
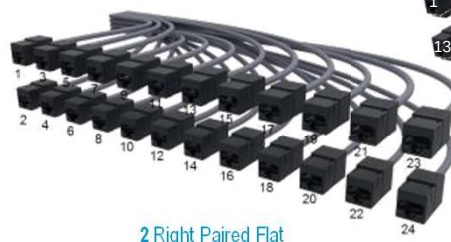
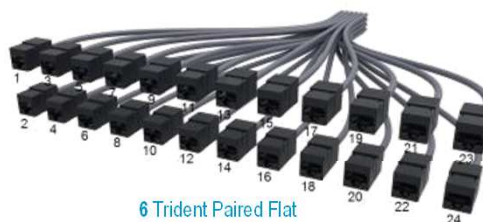
760058578

M3200



### Typical Selections:

| Link | Connector                                 | Orientation             |
|------|-------------------------------------------|-------------------------|
| B 6  | A Outlet – Single Row Standard Density    | 1 Trident Series Flat   |
| C 8  |                                           | 2 Right Paired Flat     |
| D 12 |                                           | 3 Right Series Flat     |
| E 16 | B Outlet – Dual Row Standard Density      | 4 Left Paired Flat      |
| F 18 |                                           | 5 Left Series Flat      |
| G 24 | C Outlet – Dual Row High Density          | 6 Trident Paired Flat   |
|      | G RJ45 Plug – Single Row Standard Density | A Trident Series Angled |
|      | H RJ45 Plug – Dual Row Standard Density   | B Right Paired Angled   |
|      | J RJ45 Plug – Dual Row High Density       | C Right Series Angled   |
|      | N 1100 Module                             | D Left Paired Angled    |
|      | R 360 1100 Evolve Module                  | E Left Series Angled    |
|      | S OneLink 2x6                             | F Trident Paired Angled |
|      | T OneLink 2x4                             |                         |



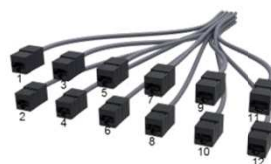
Tip: Use the corresponding selections for plug.

# Typical Panel-Trunk Configurations

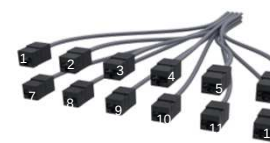
## Outlet C: Dual Row Double Density

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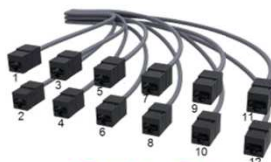
|           |             |
|-----------|-------------|
| 760104307 | M4800-1U-PS |
| 760105429 | M4800-1U-GS |



6 Trident Paired Flat



1 Trident Series Flat



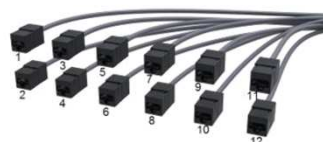
2 Right Paired Flat



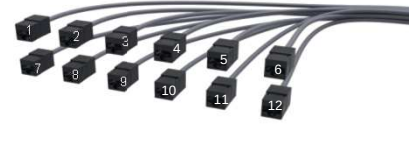
3 Right Series Flat

### Typical Selections:

| Link | Connector                                 | Orientation             |
|------|-------------------------------------------|-------------------------|
| B 6  | A Outlet – Single Row Standard Density    | 1 Trident Series Flat   |
| C 8  |                                           |                         |
| D 12 | B Outlet – Dual Row Standard Density      | 2 Right Paired Flat     |
| E 16 |                                           | 3 Right Series Flat     |
| F 18 |                                           | 4 Left Paired Flat      |
| G 24 | C Outlet – Dual Row High Density          | 5 Left Series Flat      |
|      | G RJ45 Plug – Single Row Standard Density | 6 Trident Paired Flat   |
|      | H RJ45 Plug – Dual Row Standard Density   | A Trident Series Angled |
|      | J RJ45 Plug – Dual Row High Density       | B Right Paired Angled   |
|      | N 1100 Module                             | C Right Series Angled   |
|      | R 360 1100 Evolve Module                  | D Left Paired Angled    |
|      | S OneLink 2x6                             | E Left Series Angled    |
|      | T OneLink 2x4                             | F Trident Paired Angled |



4 Left Paired Flat



5 Left Series Flat



6 Trident Paired Flat



1 Trident Series Flat



2 Right Paired Flat



3 Right Series Flat



4 Left Paired Flat



5 Left Series Flat

Tip: Use the corresponding selections for plug.

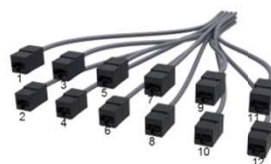
# Typical Panel-Trunk Configurations

## Outlet C: Dual Row Double Density

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760109736 M4800A-1U-PS

760109744 M4800A-1U-GS



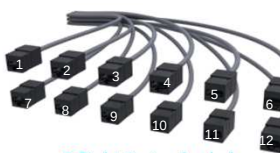
F Trident Paired Angled



A Trident Series Angled



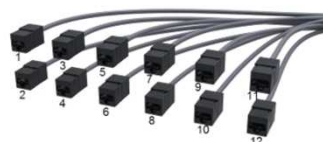
B Right Paired Angled



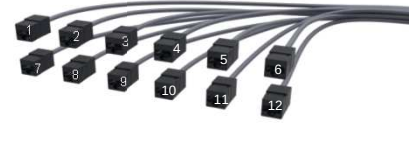
C Right Series Angled

### Typical Selections:

| Link | Connector                                 | Orientation             |
|------|-------------------------------------------|-------------------------|
| B 6  | A Outlet – Single Row Standard Density    | 1 Trident Series Flat   |
| C 8  |                                           | 2 Right Paired Flat     |
| D 12 |                                           | 3 Right Series Flat     |
| E 16 | B Outlet – Dual Row Standard Density      | 4 Left Paired Flat      |
| F 18 |                                           | 5 Left Series Flat      |
| G 24 |                                           | 6 Trident Paired Flat   |
|      | C Outlet – Dual Row High Density          | A Trident Series Angled |
|      | G RJ45 Plug – Single Row Standard Density | B Right Paired Angled   |
|      | H RJ45 Plug – Dual Row Standard Density   | C Right Series Angled   |
|      | J RJ45 Plug – Dual Row High Density       | D Left Paired Angled    |
|      | N 1100 Module                             | E Left Series Angled    |
|      | R 360 1100 Evolve Module                  | F Trident Paired Angled |
|      | S OneLink 2x6                             |                         |
|      | T OneLink 2x4                             |                         |



D Left Paired Angled



E Left Series Angled



F Trident Paired Angled



A Trident Series Angled



B Right Paired Angled



C Right Series Angled



D Left Paired Angled



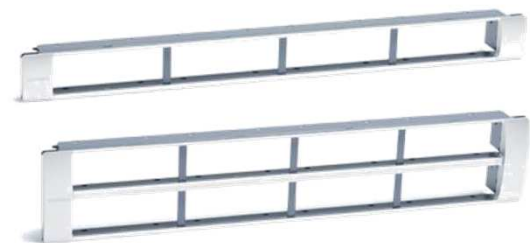
E Left Series Angled

Tip: Use the corresponding selections for plug.



# Typical Panel-Trunk Configurations **COMMSCOPE®** 1100E Modules

|           |              |
|-----------|--------------|
| 760155739 | 360-E-KIT-1U |
| 760155747 | 360-E-KIT-2U |



## Typical Selections:

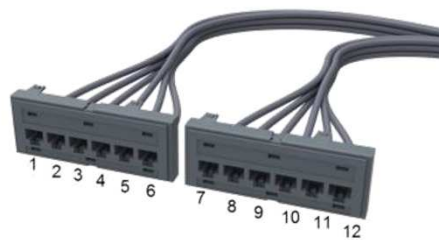
| Link                            | Connector                                 | Orientation                    |
|---------------------------------|-------------------------------------------|--------------------------------|
| <b>B</b> 6                      | A Outlet – Single Row Standard Density    | <b>1</b> Trident Series Flat   |
| <b>C</b> 8                      |                                           | <b>2</b> Right Paired Flat     |
| <b>D</b> 12                     | B Outlet – Dual Row Standard Density      | <b>3</b> Right Series Flat     |
| <b>E</b> 16                     |                                           | <b>4</b> Left Paired Flat      |
| <b>F</b> 18                     |                                           | <b>5</b> Left Series Flat      |
| <b>G</b> 24                     | C Outlet – Dual Row High Density          |                                |
|                                 | G RJ45 Plug – Single Row Standard Density | <b>6</b> Trident Paired Flat   |
|                                 | H RJ45 Plug – Dual Row Standard Density   | <b>A</b> Trident Series Angled |
|                                 | J RJ45 Plug – Dual Row High Density       | <b>B</b> Right Paired Angled   |
|                                 | N 1100 Module                             | <b>C</b> Right Series Angled   |
| <b>R</b> 360 1100 Evolve Module |                                           | <b>D</b> Left Paired Angled    |
|                                 | S OneLink 2x6                             | <b>E</b> Left Series Angled    |
|                                 | T OneLink 2x4                             | <b>F</b> Trident Paired Angled |



1 Trident Series Flat



3 Right Series Flat



5 Left Series Flat

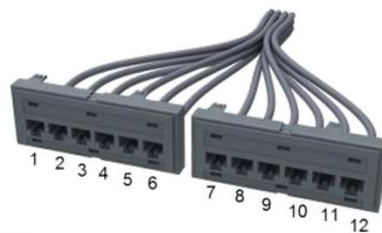
# Typical Panel-Trunk Configurations **COMMSCOPE®** 1100E Modules

|           |                |
|-----------|----------------|
| 760152785 | 360-A-E-KIT-1U |
| 760152793 | 360-A-E-KIT-2U |



## Typical Selections:

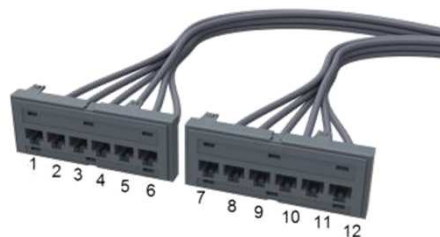
| Link                            | Connector                                 | Orientation                    |
|---------------------------------|-------------------------------------------|--------------------------------|
| <b>B</b> 6                      | A Outlet – Single Row Standard Density    | 1 Trident Series Flat          |
| C 8                             |                                           | 2 Right Paired Flat            |
| <b>D</b> 12                     | B Outlet – Dual Row Standard Density      | 3 Right Series Flat            |
| E 16                            |                                           | 4 Left Paired Flat             |
| F 18                            | C Outlet – Dual Row High Density          | 5 Left Series Flat             |
| G 24                            | G RJ45 Plug – Single Row Standard Density | 6 Trident Paired Flat          |
|                                 | H RJ45 Plug – Dual Row Standard Density   | <b>A Trident Series Angled</b> |
|                                 | J RJ45 Plug – Dual Row High Density       | B Right Paired Angled          |
| N 1100 Module                   |                                           | <b>C Right Series Angled</b>   |
| <b>R</b> 360 1100 Evolve Module |                                           | D Left Paired Angled           |
| S OneLink 2x6                   |                                           | <b>E Left Series Angled</b>    |
| T OneLink 2x4                   |                                           | F Trident Paired Angled        |



A Trident Series Angled

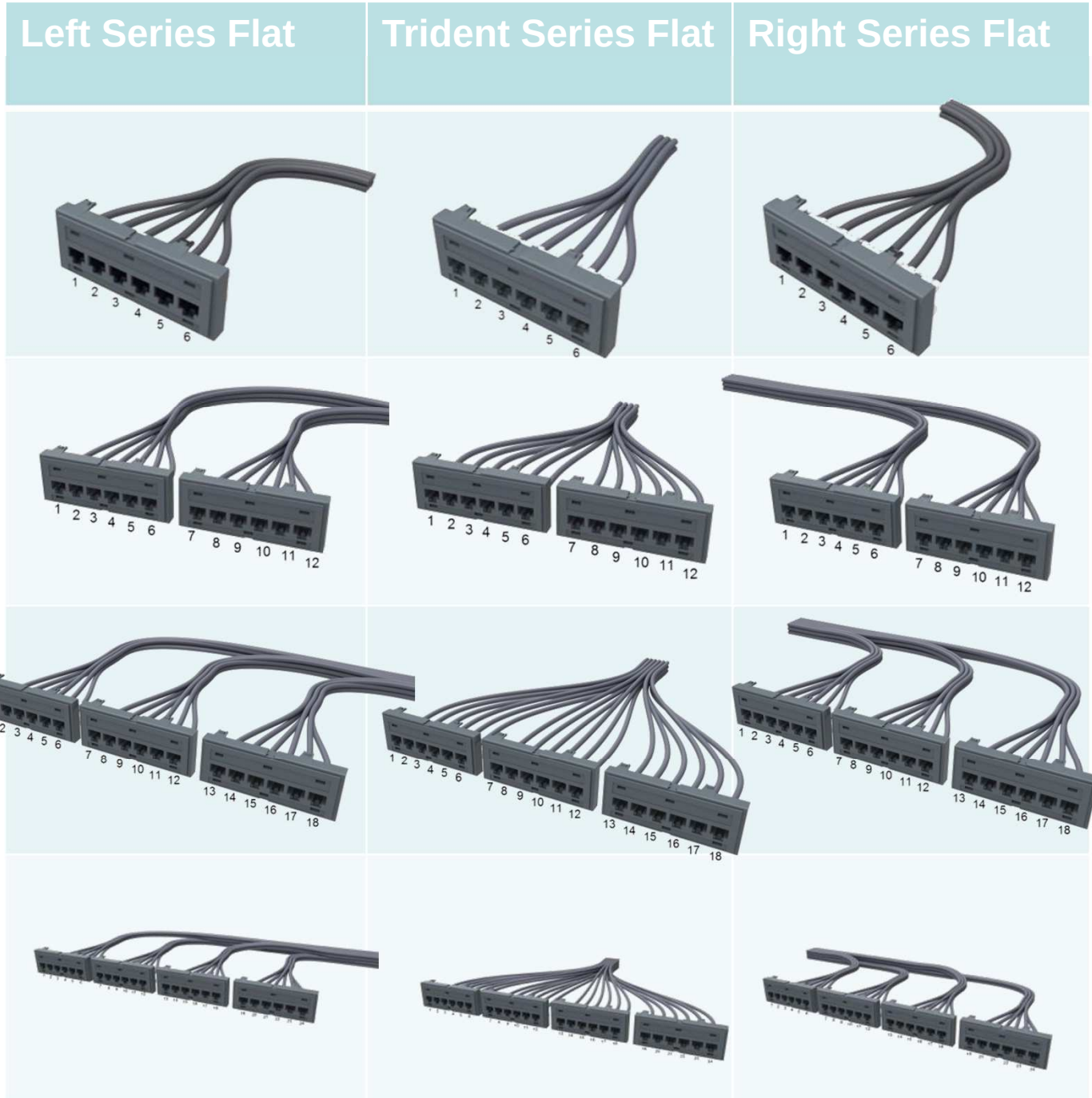


C Right Series Angled



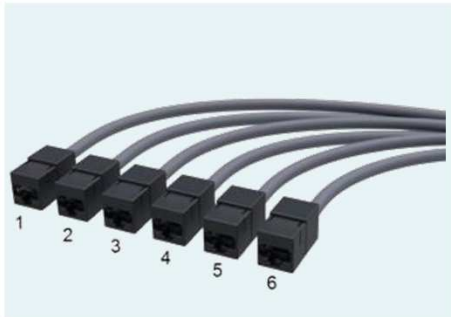
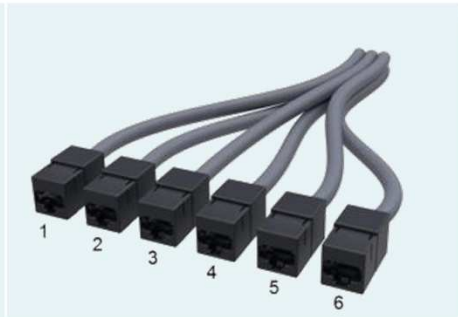
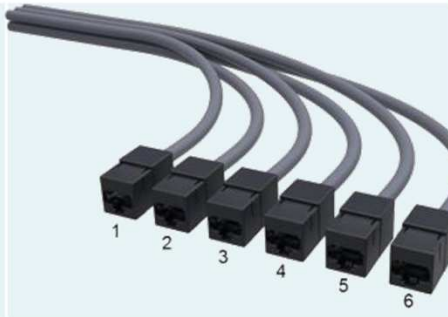
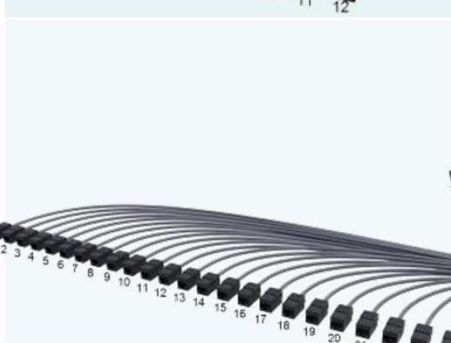
E Left Series Angled

## Modules (1100E and 1100L)



Information Outlet Single Row Series  
(MGS600, HGS620 and MGS400)

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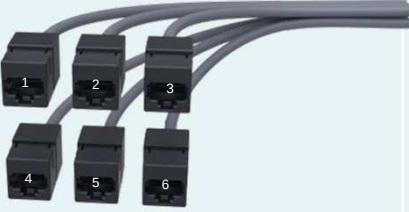
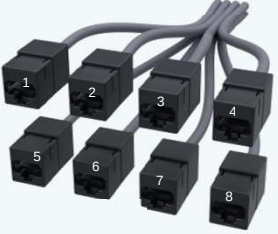
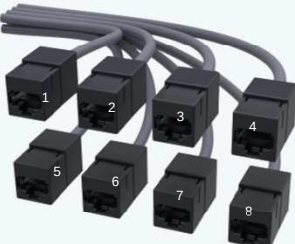
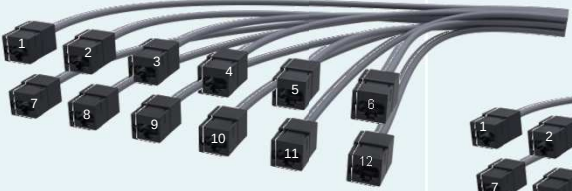
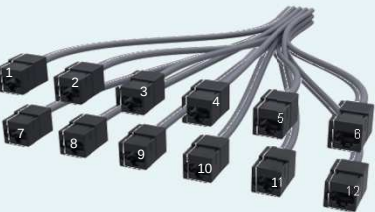
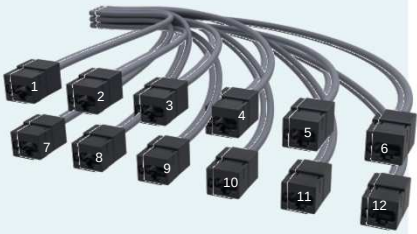
| Left Series<br>Flat/Angled                                                          | Trident Series<br>Flat/Angled                                                        | Right Series<br>Flat/Angled                                                           |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|    |    |    |
|   |   |   |
|  |  |  |
|  |  |  |



Information Outlet Dual Row Series  
(MGS600, HGS620 and MGS400)

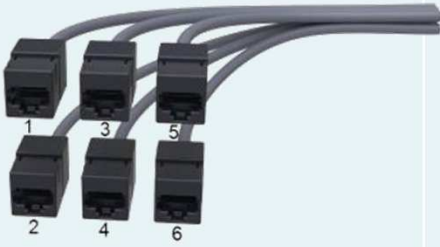
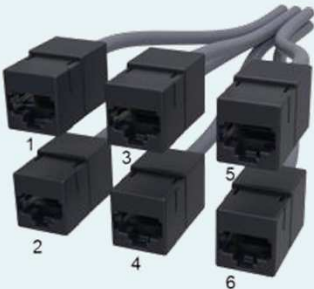
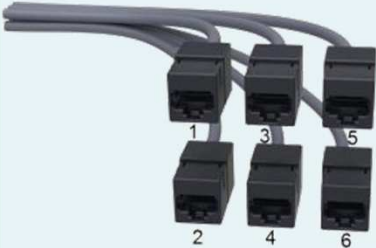
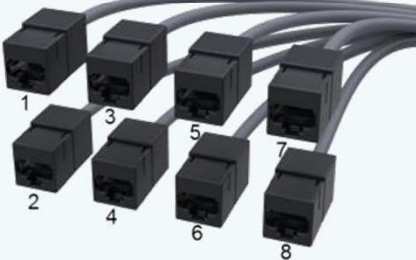
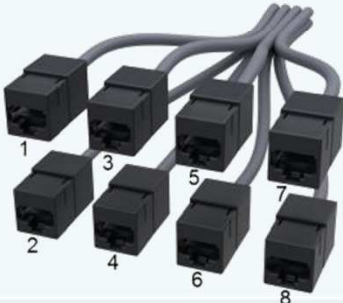
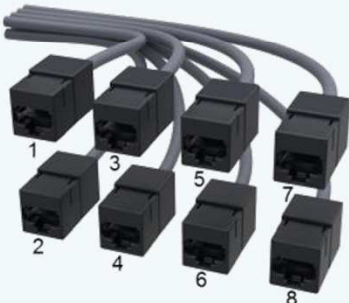
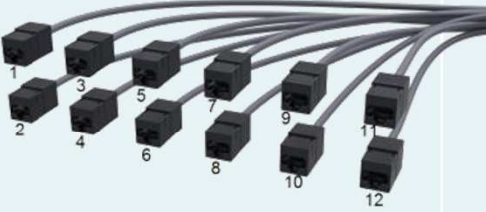
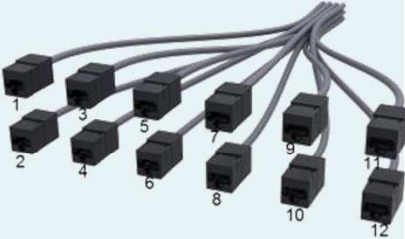
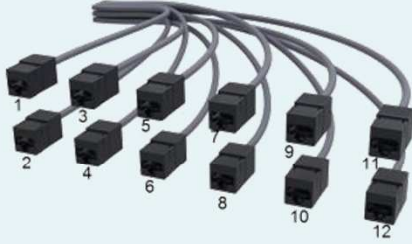
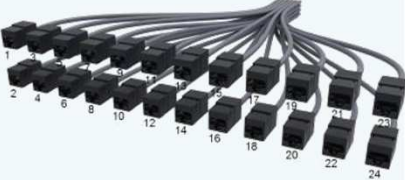
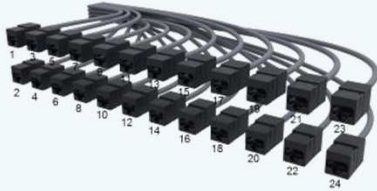
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Updated

| Left Series<br>Flat/Angled                                                          | Trident Series<br>Flat/Angled                                                        | Right Series<br>Flat/Angled                                                           |
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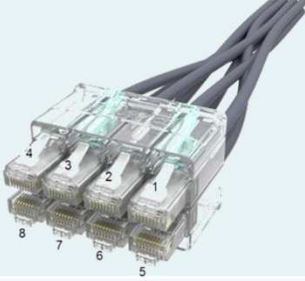
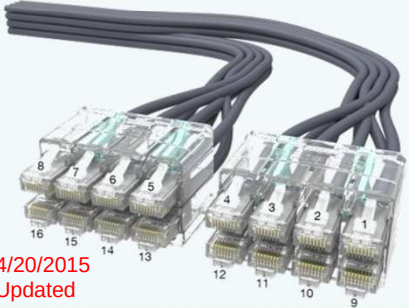
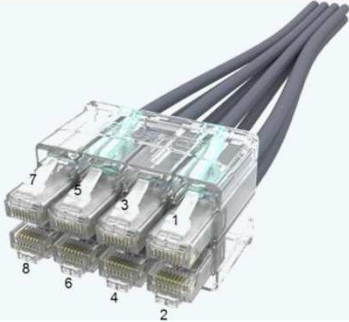
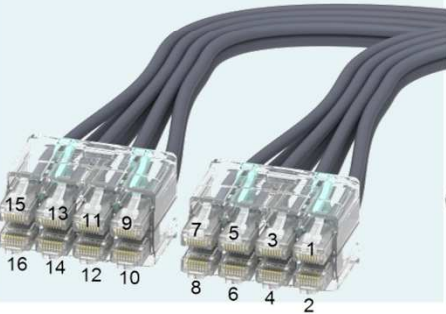
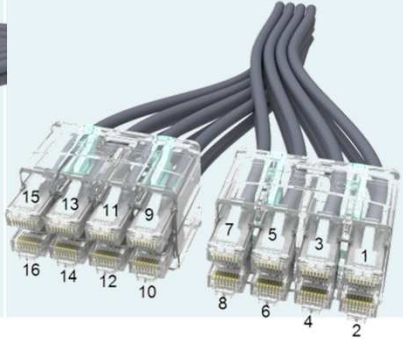
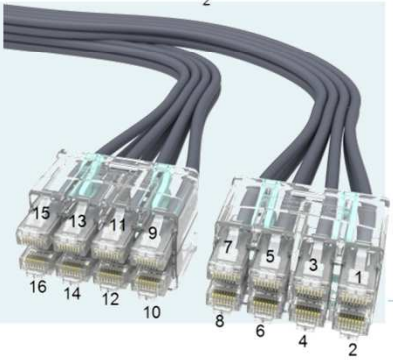
Additional link counts are not illustrated

Information Outlet Dual Row Paired  
(MGS600, HGS620 and MGS400)

| Left Paired<br>Flat/Angled                                                          | Trident Paired<br>Flat/Angled                                                        | Right Paired<br>Flat/Angled                                                           |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
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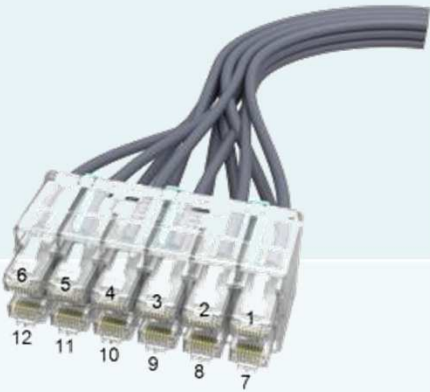
Additional link counts are not illustrated

# InstaPATCH OneLink 2X4

| Left Series Flat                                                                                        | Trident Series Flat                                                                                     | Right Series Flat                                                                                         |
|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
|                        |                        |                        |
| <br>4/20/2015 Updated | <br>4/20/2015 Updated | <br>4/20/2015 Updated |
| Left Paired Flat                                                                                        | Trident Paired Flat                                                                                     | Right Paired Flat                                                                                         |
|                      |                      |                      |
|                      |                      |                      |



# InstaPATCH OneLink 2X6

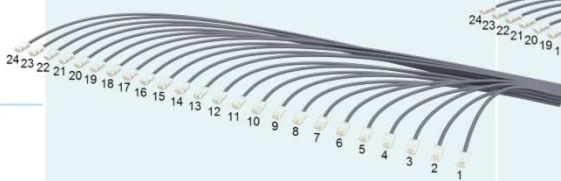
| Left Series Flat                                                                    | Trident Series Flat                                                                 | Right Series Flat                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|    |    |    |
| Left Paired Flat                                                                    | Trident Paired Flat                                                                 | Right Paired Flat                                                                     |
|  |  |  |



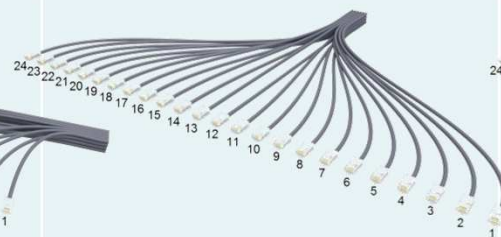
# RJ45 Plugs Single Row Series (GS8E, 360GS10E G10FP, G10SP)

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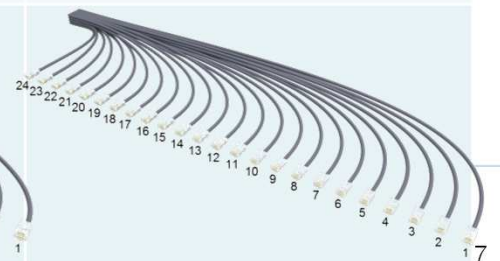
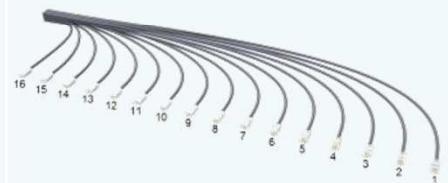
Left Series  
Flat/Angled



Trident Series  
Flat/Angled



Right Series  
Flat/Angled

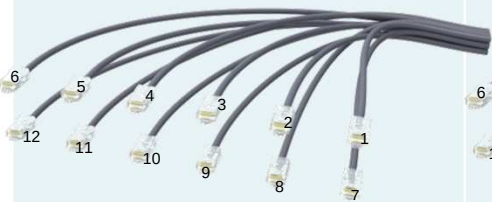
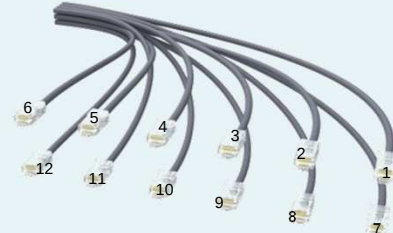
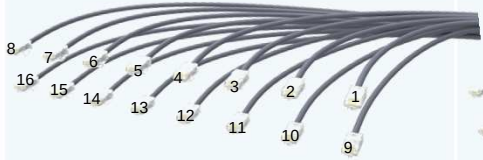
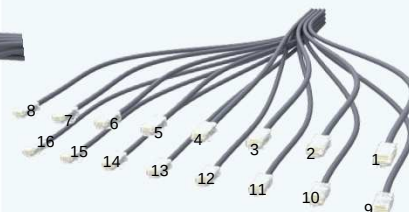
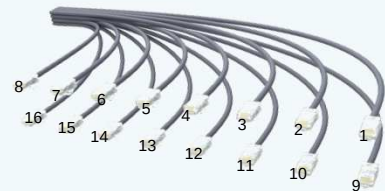
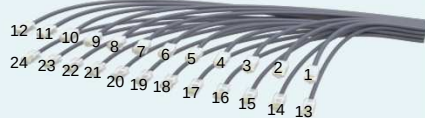
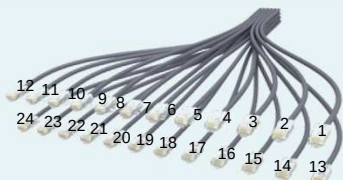
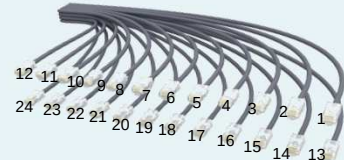


Additional link counts are not illustrated

# RJ45 Plugs Dual Row Series (GS8E, 360GS10E G10FP, G10SP)

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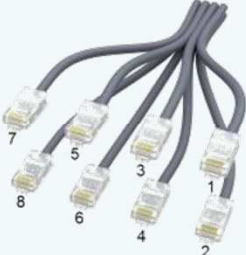
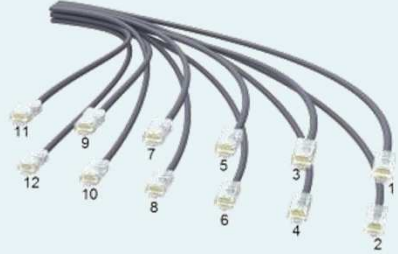
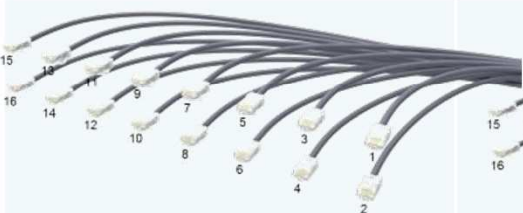
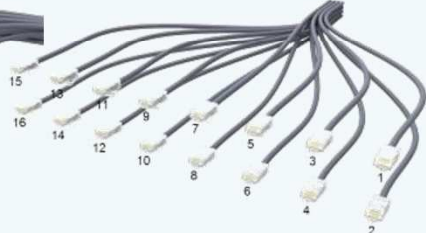
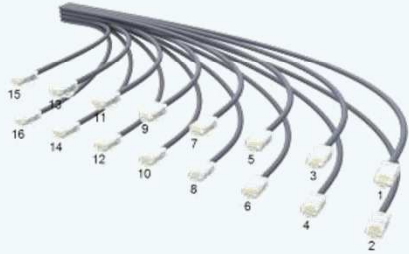
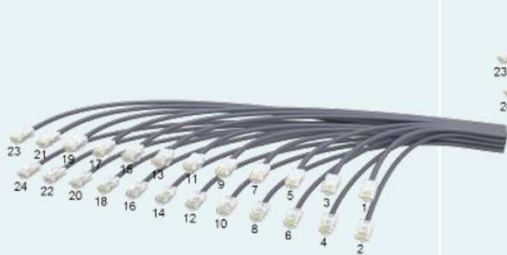
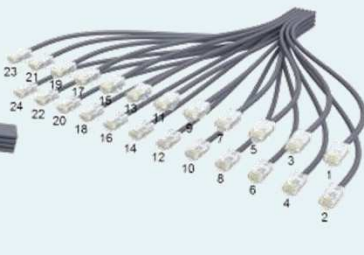
4/20/2015  
Updated

| Left Series<br>Flat/Angled                                                          | Trident Series<br>Flat/Angled                                                       | Right Series<br>Flat/Angled                                                           |
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Additional link counts are not illustrated

# RJ45 Plugs Dual Row Paired (GS8E, 360GS10E G10FP, G10SP)

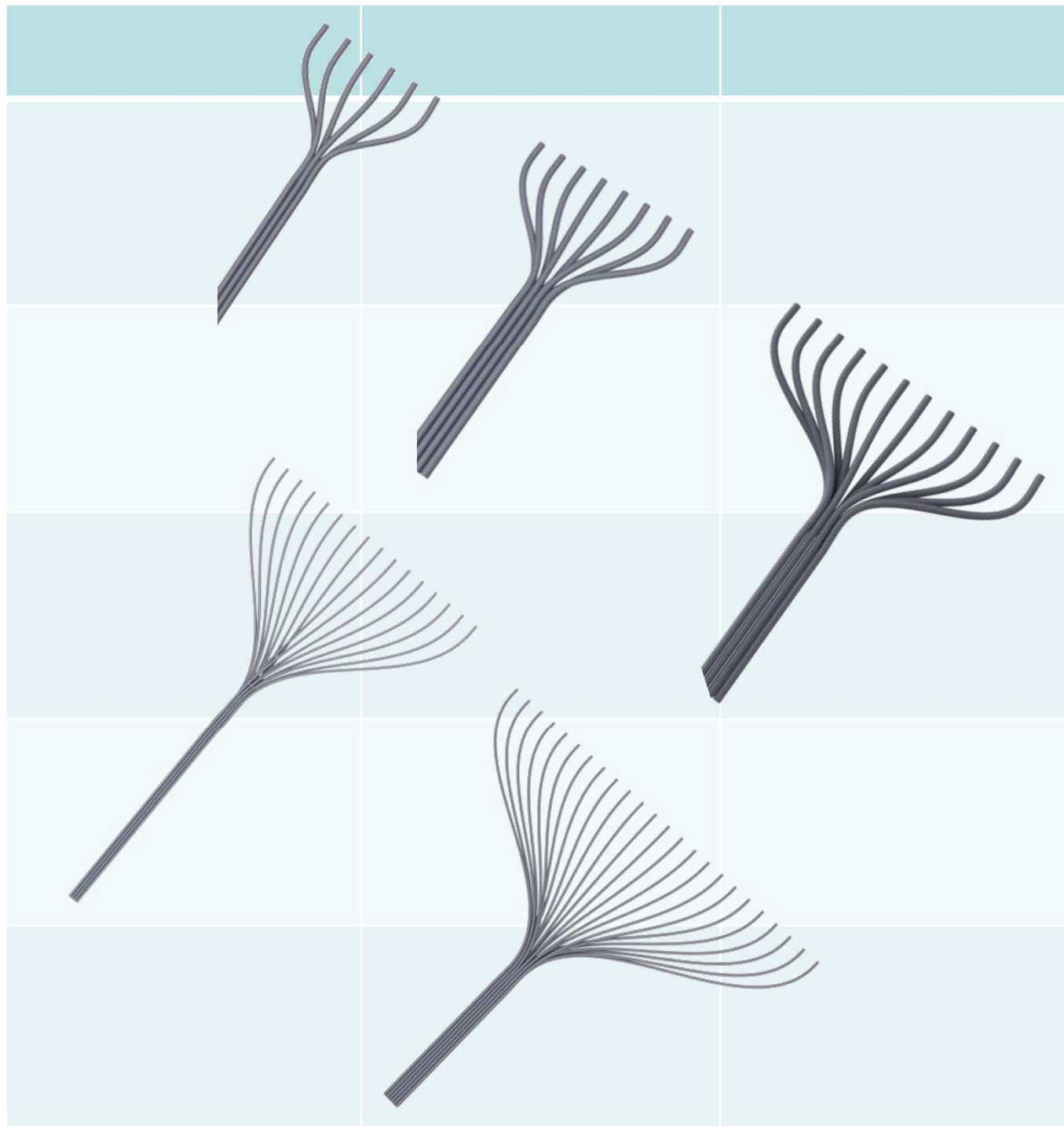
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| Left Paired<br>Flat/Angled                                                          | Trident Paired<br>Flat/Angled                                                        | Right Paired<br>Flat/Angled                                                           |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
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Additional link counts are not illustrated



## Blunt



Additional link counts are not illustrated