

# Add capacity to monopoles with CommScope four-sector monopole platforms

As mobile networks continue to expand and evolve, the need for additional site design flexibility to add antennas—and even sectors—to increase capacity becomes increasingly important. CommScope understands this need and offers a full line of four-sector monopole platforms to fit various monopole sizes. Offerings range from base platforms with ring mount and triangles to full kits with top rails and antenna pipes included. There are three main series included within this mount family:

- MC-PK Series low-profile monopole platforms
- MCHD-PK Series medium-capacity monopole platforms
- ATLAS MC-PM Series high-capacity monopole platforms

## MC-PK Series—base platform kits

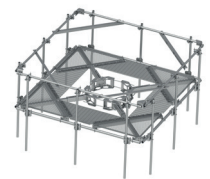
The MC-PK Series four-sector low-profile monopole platforms are available in either 12-foot or 14-foot face widths and offer options for small (10-in to 30-in) or large (30-in to 60-in) monopoles. Optional top rail and kicker/reinforcement kits are also offered for additional loading capacity.



Model/Link	Monopole Diameter	Top Rail Kit Included	Antenna Pipes Included	Crossovers Included	Face pipe Length	Face Pipe Diameter	Antenna Pipes Included	Antenna Pipe Diameter
<a href="#">MC-PK14S4-B</a>	10"-30"	NO	NO	NO	14'6"	3-1/2"	0	N/A
<a href="#">MC-PK14L4-B</a>	30"-60"	NO	NO	NO	14'6"	3-1/2"	0	N/A
<a href="#">MC-PK12S4-B</a>	10"-30"	NO	NO	NO	12'6"	3-1/2"	0	N/A
<a href="#">MC-PK12L4-B</a>	30"-60"	NO	NO	NO	12'6"	3-1/2"	0	N/A
<a href="#">MC-PK12L4-12-96</a>	30"-60"	YES	YES	YES	12'6"	3-1/2"	12	2-3/8"

## MCHD-PK Series—full platform kits

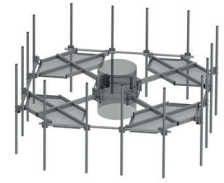
The MCHD-PK Series medium-capacity monopole platform kits include the MC-PK Series base platforms with the addition of top rail kits and heavy-duty 2-7/8-in OD antenna pipes. Kicker/reinforcement kits are also offered for additional loading capacity.



Model/Link	Monopole Diameter	Top Rail Kit Included	Antenna Pipes Included	Crossovers Included	Face pipe Length	Face Pipe Diameter	Antenna Pipes Included	Antenna Pipe Diameter
<a href="#">MCHD-PK14S4-12-96</a>	10"-30"	YES	YES	YES	14'6"	3-1/2"	14	2-7/8"
<a href="#">MCHD-PK14L4-12-96</a>	30"-60"	YES	YES	YES	14'6"	3-1/2"	14	2-7/8"
<a href="#">MCHD-PK12S4-12-96</a>	10"-30"	YES	YES	YES	12'6"	3-1/2"	12	2-7/8"
<a href="#">MCHD-PK12L4-12-96</a>	30"-60"	YES	YES	YES	12'6"	3-1/2"	12	2-7/8"

## Atlas MC-PM Series—high-capacity platform kits

Atlas MC-PM Series high-capacity monopole platforms provide high-load performance, lower EPA, and reduced weight, all with a single-point tower connection—no kicker required. Analyzed for 180 mph wind loads and rated up to M2200R(1700)4-[6], the high-strength structural tubing (HSS) design of the Atlas minimizes weight on the tower. Face width options range from 10.5 to 14.5 feet and offerings include both base platform kits and kits with antenna pipes included. Optional top rail and “PVS” top rail support kits are also offered for additional loading capacity.



Model/Link	Monopole Diameter	Top Rail Kit Included	Antenna Pipes Included	Crossovers Included	Face pipe Length	Face Pipe Diameter	Antenna Pipe Qty	Antenna Pipe Diameter
<a href="#">MC-PM14M4-B</a>	15"-45"	NO	NO	NO	14'6"	2-7/8"	0	N/A
<a href="#">MC-PM14M4-16-96</a>	15"-45"	NO	YES	YES	14'6"	2-7/8"	16	2-7/8"
<a href="#">MC-PM14M4-16-126</a>	15"-45"	NO	YES	YES	14'6"	2-7/8"	16	2-7/8"
<a href="#">MC-PM14M4-16-120</a>	15"-45"	NO	YES	YES	14'6"	2-7/8"	16	2-7/8"
<a href="#">MC-PM12M4-B</a>	15"-45"	NO	NO	NO	12'6"	2-7/8"	0	N/A
<a href="#">MC-PM12M4-16-96</a>	15"-45"	NO	YES	YES	12'6"	2-7/8"	16	2-7/8"
<a href="#">MC-PM12M4-16-126</a>	15"-45"	NO	YES	YES	12'6"	2-7/8"	16	2-7/8"
<a href="#">MC-PM12M4-16-120</a>	15"-45"	NO	YES	YES	12'6"	2-7/8"	16	2-7/8"
<a href="#">MC-PM10M4-B</a>	15"-45"	NO	NO	NO	10'6"	2-7/8"	0	N/A
<a href="#">MC-PM10M4-16-96</a>	15"-45"	NO	YES	YES	10'6"	2-7/8"	16	2-7/8"
<a href="#">MC-PM10M4-16-126</a>	15"-45"	NO	YES	YES	10'6"	2-7/8"	16	2-7/8"
<a href="#">MC-PM10M4-16-120</a>	15"-45"	NO	YES	YES	10'6"	2-7/8"	16	2-7/8"

## Optional four-sector platform accessory kits



Top Rail Kits	Suitable for Platform Series	Antenna Pipe Mount Size	Antenne Pipe Mount QTY	Top Rail Length	Top Rail Diameter
<a href="#">MCHD-TR4-12</a>	MCHD	2-7/8"	12	12'6"	2-7/8"
<a href="#">MCHD-TR4-14</a>	MCHD	2-7/8"	12	14'6"	2-7/8"
<a href="#">MC4-HR25X-10-B</a>	MCPK/MCPM	N/A	0	10'6"	2-7/8"
<a href="#">MC4-HR25X-10-16</a>	MCPK/MCPM	2-7/8"	16	10'6"	2-7/8"
<a href="#">MC4-HR25X-12-B</a>	MCPK/MCPM	N/A	0	12'6"	2-7/8"
<a href="#">MC4-HR25X-12-16</a>	MCPK/MCPM	2-7/8"	16	12'6"	2-7/8"
<a href="#">MC4-HR25X-14-B</a>	MCPK/MCPM	N/A	0	14'6"	2-7/8"
<a href="#">MC4-HR25X-14-16</a>	MCPK/MCPM	2-7/8"	16	14'6"	2-7/8"



Kicker Kits	Monopole Diameter	Kicker Length
<a href="#">RK-36-4S</a>	10"-30"	36"
<a href="#">RK-36-4L</a>	30"-60"	36"
<a href="#">RK-60-4S</a>	10"-30"	60"
<a href="#">RK-60-4L</a>	30"-60"	60"



Top Rail Support Kit	Suitable for Platform Series	Mounting – Top Rail Diameter
<a href="#">PVS-050B-U</a>	MCPM	2-7/8"

## Want to learn more?

Please contact your local CommScope representative or email [steelproducts@commscope.com](mailto:steelproducts@commscope.com) for more information

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CO-118767-EN (04/24)