VZW SMART PROGRAM

PRODUCT SELECTION GUIDE

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QUICK REFERENCE

MONOPOLE APPLICATION		
VZWSMART-PLK1	SUPPORT RAIL KIT	Top rail kit, 2-7/8" x 150", adjustable corner brace, hardware for 2-7/8" antenna pipes
VZWSMART-PLK1Q	4-SIDED SUPPORT RAIL KIT	4-sector support rail kit with 2-7/8" x 150" rail, adjustable corner reinforcement, & crossover kits for 2-3/8" or 2-7/8" pipes
VZWSMART-PLK2	PLATFORM SUPPORT RAIL KIT	Top rail corner bracing kit, 2-7/8" pipe connections, no antenna pipe hardware
VZWSMART-PLK3	SUPPORT RAIL CORNER BRACKET	Top rail corner bracing kit supports, one corner, U-bolts for 2-7/8" pipe, no angle braces included
VZWSMART-PLK4	4-SIDED SUPPORT RAIL CORNER BRACKET	4-sector support rail corner bracing brackets for monopole platforms, one corner with 2-7/8" pipe connections, no angle braces included.
VZWSMART-PLK5	KICKER KIT	Kicker support arm, 3" x 3" x 96" angle with connecting brackets and hardware for up 3" to 6" square or 3-1/2" to 4-1/2" OD stand-offs, 3 sectors, collar mount not included
VZWSMART-PLK5Q	4-SIDED KICKER KIT	4-sector kicker support arms, 3" x 3" x 96" angle with connecting brackets and hardware for 3" to 6" square or 3-1/2" to 4-1/2" OD stand-offs, 4 sectors. Attaches to VZWSMART-PLK7Q collar - not included.
VZWSMART-PLK6	DUAL KICKER KIT	Dual pivoting kicker support arms, 2-1/2"x 2-1/2" x 60" angle with connecting brackets and hardware, collar mount/pipe not included
VZWSMART-PLK7	MONOPOLE COLLAR MOUNT ASSEMBLY	Ring mount, 12" to 45" monopole diameter with 6" x 6" x 5/8" bolt pattern
VZWSMART-PLK7Q	4-SIDED COLLAR MOUNT ASSEMBLY	4-sector collar/ring mount for 14" to 60" monopoles with 6" x 6" x 5/8" bolt pattern
VZWSMART-PLK7S	SMALL POLE ADAPTER	Small pole adapter for collar/ring mount (single sector); 3-sector down to 6" Pole OD; 4-sector down to 8.5" pole OD
VZWSMART-PLK8	SUPPORT RAIL BRACING KIT	Top rail reinforcement kit, vertical, one sector only, attaches up to 3-1/2" OD horizontal & up to 6" square standoff
VZWSMART-PLK9	COLLAR MOUNT STANDOFF ADAPTER	Collar/ring mount standoff adapter, attaches to VZWSMART-PLK7 or VZWSMART-PLK7Q collar- not included
VZWSMART-PLK10	SUPPORT RAIL BRACING KIT - PIPE	Monopole platform vertical top rail reinforcement kit (pipe), one sector only, attaches up to 4-1/2" OD horizontal & up to 6" square standoff
VZWSMART-SFK4	SUPPORT RAIL BRACING KIT, T-ARM KIT	Reinforcement arm, 3" x 3" x 72" square tube, collar mount not included
TOWER APPLICATION		
VZWSMART-SFK1	STIFF ARM KIT	Stiff arm, 2-3/8" x 12 ft pipe, attachment hardware, for 1-1/2" to 8" OD or 60 degree angle tower leg
VZWSMART-SFK3	V-BRACING FOR SECTOR MOUNT	V-stabilizer for tower, saddle clamps for 1"- 8", dual pivoting angle arms, 96" long, attaches up to 4-1/2" OD horizontals
VZWSMART-SFK3-SL	V-BRACING FOR SMALL TOWER LEG	V-stabilizer for small tower leg, clamps for up to 3-1/2" round legs, dual pivoting angle arms, 96" long, attaches up to 4-1/2" OD horizontals

QUICK REFERENCE

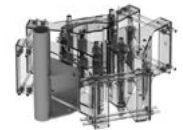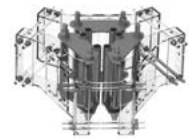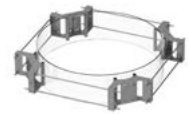| HARDWARE KITS		
VZWSMART-AL333	CLIP ANGLE	Set of 2 clip angles with 5/8" x 2" hardware
VZWSMART-MSK1	SMALL CROSSOVER PLATE, 2-3/8" OR 2-7/8" PIPES	Cross over plate, 2-3/8" or 2-7/8" pipes
VZWSMART-MSK2	MEDIUM CROSSOVER PLATE, FOR 2-3/8"- 2-7/8" TO 3-1/2" - 4" PIPES	Crossover plate, connects 2-3/8" to 2-7/8" pipes to 3-1/2" to 4" pipes
VZWSMART-MSK3	PIPE TO PIPE CLAMP, 1-1/2" to 4-1/2"	Pipe to pipe, clamps for 1-1/2" to 4-1/2" pipes
VZWSMART-MSK3D	CLAMP, PIPE TO PIPE, 1-1/2" TO 3-1/2", HD	Pipe to pipe, clamps, wide, HD, for 1-1/2" to 3-1/2" pipes, with double threaded rod
VZWSMART-MSK4	PIPE LEVELING KIT	Pipe mount, tapered, no U-bolts, attaches up to 8" OD or 60 degree angle tower legs, for pipes 2-3/8" to 4-1/2" OD, U-bolts sold separately
VZWSMART-MSK5	LARGE CROSSOVER PLATE, FOR 2-3/8" - 2-7/8" TO 4" - 4-1/2" PIPES	Crossover plate, connects 2-3/8" to 2-7/8" pipes to 4" to 4-1/2" pipes
VZWSMART-MSK6	DUAL CROSSOVER PLATE	Dual cross over plate, mounts (2) 3-1/2" to 4-1/2" pipes to 4" or 6" square tube
VZWSMART-MSK7	CROSSOVER PLATE, PIPE TO ANGLE	Cross over plate, mounts up to 4-1/2" pipe, pipe to angle, pipe/angle not included
VZWSMART-MSK8	CORNER SUPPORT BRACKET KIT	Corner support bracket kit, mounts to pipe up to 4-1/2", pipe/corner angle brace not included
VZWSMART-MSK9	LEG CLAMP, 1/2" TO 3-1/2"	Leg clamp, 1/2" to 3-1/2" round & Up to 3" angle
VZWSMART-MSK10	WIRE ROPE ROUTING BRACKET	Wire rope routing bracket accessory for ring mounts, ring mount not included
VZWSMART-MSK12	UNIVERSAL CROSSOVER PLATE	Universal crossover plate, connects up to 4-1/2" OD x 4-1/2" OD pipe
VZWSMART-MSK13	UNIVERSAL CHANNEL CROSSOVER	Universal channel crossover plate, connects up to 4-1/2" OD x 3-1/2" OD pipe
VZWSMART-MSK14	UNIVERSAL ADJUSTABLE CROSSOVER	Universal adjustable crossover plate, connects up to 2-3/8" OD x 3-1/2" OD pipe

MONOPOLE APPLICATION

PART NUMBER	DESCRIPTION	
VZWSMART-PLK1	**SUPPORT RAIL KIT**	Top rail kit, 2-7/8" x 150", adjustable corner brace, hardware for 2-7/8" antenna pipes
VZWSMART-PLK10	**4-SIDED SUPPORT RAIL KIT**	4-sector support rail kit with 2-7/8" x 150" rail, adjustable corner reinforcement, & crossover kits for 2-3/8" or 2-7/8" pipes
VZWSMART-PLK2	**PLATFORM SUPPORT RAIL KIT**	Top rail corner bracing kit, 2-7/8" pipe connections, no antenna pipe hardware
VZWSMART-PLK3	**SUPPORT RAIL CORNER BRACKET**	Top rail corner bracing kit supports, one corner, U-bolts for 2-7/8" pipe, no angle braces included
VZWSMART-PLK4	**4-SIDED SUPPORT RAIL CORNER BRACKET**	4-sector support rail corner bracing brackets for monopole platforms, one corner with 2-7/8" pipe connections, no angle braces included
VZWSMART-PLK5	**KICKER KIT**	Kicker support arm, 3" x 3" x 96" angle with connecting brackets and hardware for up 3" to 6" square or 3-1/2" to 4-1/2" OD stand-offs, 3 sectors, collar mount not included
VZWSMART-PLK50	**4-SIDED KICKER KIT**	4-sector kicker support arms, 3" x 3" x 96" angle with connecting brackets and hardware for 3" to 6" square or 3-1/2" to 4-1/2" OD stand-offs, 4 sectors. Attaches to VZWSMART-PLK70 collar - not included.
VZWSMART-PLK6	**DUAL KICKER KIT**	Dual pivoting kicker support arms, 2-1/2"x 2-1/2" x 60" angle with connecting brackets and hardware, collar mount/pipe not included

MONOPOLE APPLICATION

PART NUMBER	DESCRIPTION	
VZWSMART-PLK7	**MONOPOLE COLLAR MOUNT ASSEMBLY**	Ring mount, 12" to 45" monopole diameter with 6" x 6" x 5/8" bolt pattern
VZWSMART-PLK7Q	**4-SIDED COLLAR MOUNT ASSEMBLY**	4-sector collar/ring mount for 14" to 60" monopoles with 6" x 6" x 5/8" bolt pattern
VZWSMART-PLK7S	**SMALL POLE ADAPTER**	Small pole adapter for collar/ring mount (single sector); 3-sector down to 6" Pole OD; 4-sector down to 8.5" pole OD
VZWSMART-PLK8	**SUPPORT RAIL BRACING KIT**	Top rail reinforcement kit, vertical, one sector only, attaches up to 3-1/2" OD horizontal & up to 6" square standoff
VZWSMART-PLK9	**COLLAR MOUNT STANDOFF ADAPTER**	Collar/ring mount standoff adapter, attaches to VZWSMART-PLK7 or VZWSMART-PLK7Q collar- not included
VZWSMART-PLK10	**SUPPORT RAIL BRACING KIT - PIPE**	Monopole platform vertical top rail reinforcement kit (pipe), one sector only, attaches up to 4-1/2" OD horizontal & up to 6" square standoff
VZWSMART-SFK4	**SUPPORT RAIL BRACING KIT, T-ARM KIT**	Reinforcement arm, 3" x 3" x 72" square tube, collar mount not included

TOWER APPLICATION

PART NUMBER	DESCRIPTION	
VZWSMART-SFK1	**STIFF ARM KIT**	Stiff arm, 2-3/8" x 12 ft pipe, attachment hardware, for 1-1/2" to 8" OD or 60 degree angle tower leg
VZWSMART-SFK3	**V-BRACING FOR SECTOR MOUNT**	V-stabilizer for tower, saddle clamps for 1"- 8", dual pivoting angle arms, 96" long, attaches up to 4-1/2" OD horizontals
VZWSMART-SFK3-SL	**V-BRACING FOR SMALL TOWER LEG**	V-stabilizer for small tower leg, clamps for up to 3-1/2" round legs, dual pivoting angle arms, 96" long, attaches up to 4-1/2" OD horizontals

HARDWARE KITS

PART NUMBER	DESCRIPTION	
VZWSMART-AL333	**CLIP ANGLE**	Set of 2 clip angles with 5/8" x 2" hardware
VZWSMART-MSK1	**SMALL CROSSOVER PLATE, 2-3/8" OR 2-7/8" PIPES**	Cross over plate, 2-3/8" or 2-7/8" pipes
VZWSMART-MSK2	**MEDIUM CROSSOVER PLATE, FOR 2-3/8"- 2-7/8" TO 3-1/2" - 4" PIPES**	Crossover plate, connects 2-3/8" to 2-7/8" pipes to 3-1/2" to 4" pipes
VZWSMART-MSK3	**PIPE TO PIPE CLAMP, 1-1/2" TO 4-1/2"**	Pipe to pipe, clamps for 1-1/2" to 4-1/2" pipes
VZWSMART-MSK3D	**CLAMP, PIPE TO PIPE, 1-1/2" TO 3-1/2", HD**	Pipe to pipe, clamps, wide, HD, for 1-1/2" to 3-1/2" pipes, with double threaded rod
VZWSMART-MSK4	**PIPE LEVELING KIT**	Pipe mount, tapered, no U-bolts, attaches up to 8" OD or 60 degree angle tower legs, for pipes 2-3/8" to 4-1/2" OD, U-bolts sold separately
VZWSMART-MSK5	**LARGE CROSSOVER PLATE, FOR 2-3/8"- 2-7/8" TO 4" - 4-1/2" PIPES**	Crossover plate, connects 2-3/8" to 2-7/8" pipes to 4" to 4-1/2" pipes
VZWSMART-MSK6	**UAL CROSSOVER PLATE**	Dual cross over plate, mounts (2) 3-1/2" to 4-1/2" pipes to 4" or 6" square tube

HARDWARE KITS

PART NUMBER	DESCRIPTION	
VZWSMART-MSK7	**CROSSOVER PLATE, PIPE TO ANGLE**	Cross over plate, mounts up to 4-1/2" pipe, pipe to angle, pipe/angle not included
VZWSMART-MSK8	**CORNER SUPPORT BRACKET KIT**	Corner support bracket kit, mounts to pipe up to 4-1/2", pipe/corner angle brace not included
VZWSMART-MSK9	**LEG CLAMP, 1/2" TO 3-1/2"**	Leg clamp, 1/2" to 3-1/2" round & Up to 3" angle
VZWSMART-MSK10	**WIRE ROPE ROUTING BRACKET**	Wire rope routing bracket accessory for ring mounts, ring mount not included
VZWSMART-MSK12	**UNIVERSAL CROSSOVER PLATE**	Universal crossover plate, connects up to 4-1/2" OD x 4-1/2" OD pipe
VZWSMART-MSK13	**UNIVERSAL CHANNEL CROSSOVER**	Universal channel crossover plate, connects up to 4-1/2" OD x 3-1/2" OD pipe
VZWSMART-MSK14	**UNIVERSAL ADJUSTABLE CROSSOVER**	Universal adjustable crossover plate, connects up to 2-3/8" OD x 3-1/2" OD pipe

2-3/8" OUTER DIAMETER PIPE

PART NUMBER	TYPE	DESCRIPTION
P40-238X048	Pipe - 2-3/8" OD x 48"	VZWSMART 48" pipe 2 SCH40 (2.375" OD X 0.154" THK)
P40-238X072	Pipe - 2-3/8" OD x 72"	VZWSMART 72" pipe 2 SCH40 (2.375" OD X 0.154" THK)
P40-238X096	Pipe - 2-3/8" OD x 96"	VZWSMART 96" pipe 2 SCH40 (2.375" OD X 0.154" THK)
P40-238X120	Pipe - 2-3/8" OD x 120"	VZWSMART 120" pipe 2 SCH40 (2.375" OD X 0.154" THK)
P40-238X126	Pipe - 2-3/8" OD x 126"	VZWSMART 126" pipe 2 SCH40 (2.375" OD X 0.154" THK)
P40-238X150	Pipe - 2-3/8" OD x 150"	VZWSMART 150" pipe 2 SCH40 (2.375" OD X 0.154" THK)
P40-238X174	Pipe - 2-3/8" OD x 174"	VZWSMART 174" pipe 2 SCH40 (2.375" OD X 0.154" THK)

2-7/8" OUTER DIAMETER PIPE

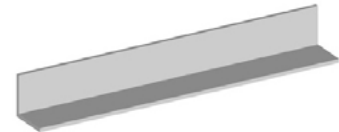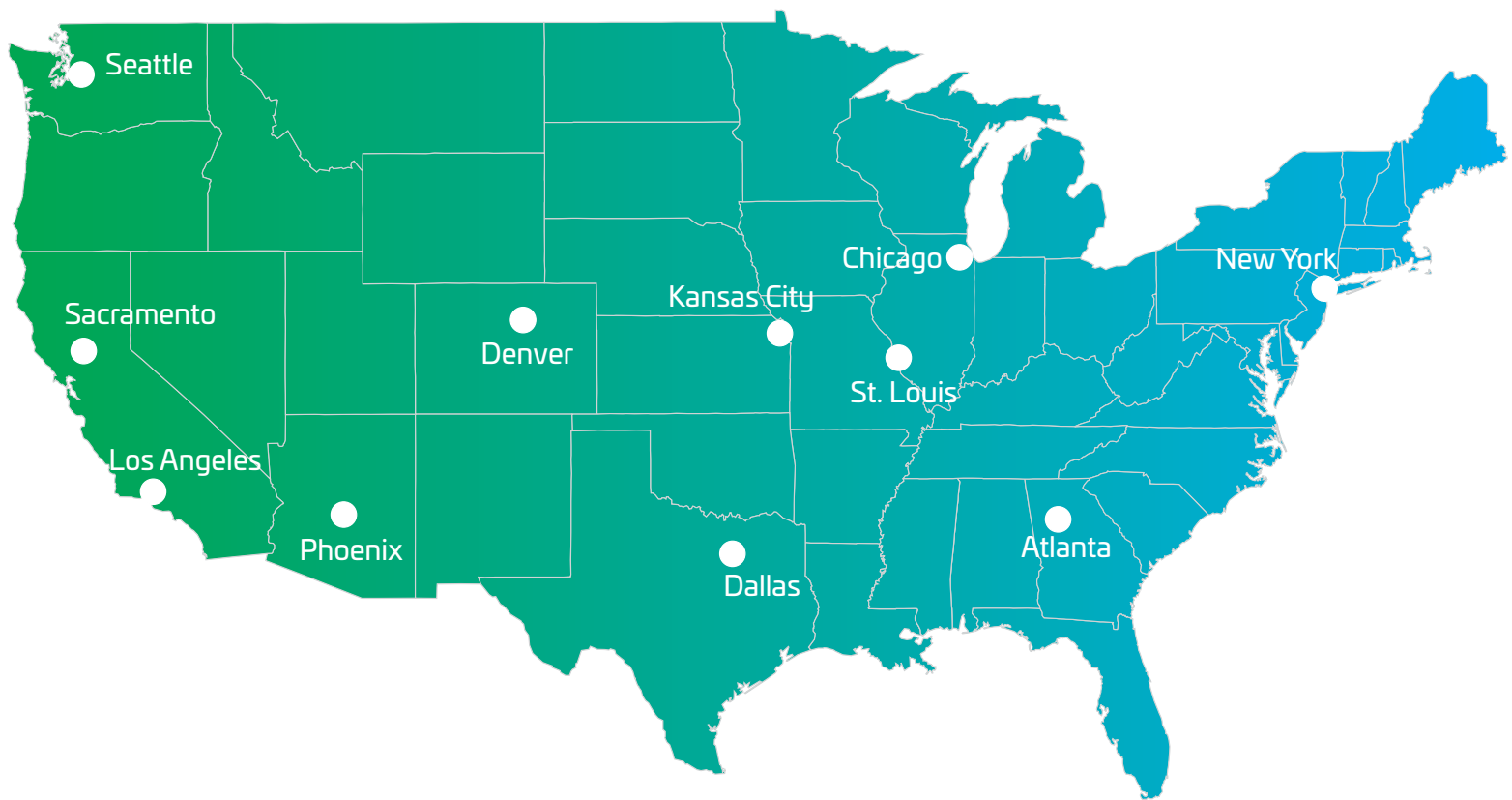| PART NUMBER	TYPE	DESCRIPTION
P40-278X048	Pipe - 2-7/8" OD x 48"	VZWSMART 48" pipe 2.5 SCH40 (2.875" OD X 0.203" THK)
P40-278X072	Pipe - 2-7/8" OD x 72"	VZWSMART 72" pipe 2.5 SCH40 (2.875" OD X 0.203" THK)
P40-278X096	Pipe - 2-7/8" OD x 96"	VZWSMART 96" pipe 2.5 SCH40 (2.875" OD X 0.203" THK)
P40-278X120	Pipe - 2-7/8" OD x 120"	VZWSMART 120" pipe 2.5 SCH40 (2.875" OD X 0.203" THK)
P40-278X126	Pipe - 2-7/8" OD x 126"	VZWSMART 126" pipe 2.5 SCH40 (2.875" OD X 0.203" THK)
P40-278X150	Pipe - 2-7/8" OD x 150"	VZWSMART 150" pipe 2.5 SCH40 (2.875" OD X 0.203" THK)
P40-278X174	Pipe - 2-7/8" OD x 174"	VZWSMART 174" pipe 2.5 SCH40 (2.875" OD X 0.203" THK)

3-1/2" OUTER DIAMETER PIPE

PART NUMBER	TYPE	DESCRIPTION
P40-312X048	Pipe - 3-1/2" OD x 48"	VZWSMART 48" pipe 3 SCH40 (3.5" OD X 0.216" THK)
P40-312X072	Pipe - 3-1/2" OD x 72"	VZWSMART 72" pipe 3 SCH40 (3.5" OD X 0.216" THK)
P40-312X126	Pipe - 3-1/2" OD x 126"	VZWSMART 126" pipe 3 SCH40 (3.5" OD X 0.216" THK)
P40-312X150	Pipe - 3-1/2" OD x 150"	VZWSMART 150" pipe 3 SCH40 (3.5" OD X 0.216" THK)
P40-312X174	Pipe - 3-1/2" OD x 174"	VZWSMART 174" pipe 3 SCH40 (3.5" OD X 0.216" THK)

ANGLE

PART NUMBER	TYPE	DESCRIPTION
A-SFK3-01	Angle - 2-1/2" x 96"	VZWSMART angle 2-1/2" X 2-1/2" X 1/4", 96" long, galvanized
A-L25X25X4X120	Angle - 2-1/2" x 120"	VZWSMART angle 2-1/2" X 2-1/2" X 1/4", 120" long galvanized
A-L25X25X4X240	Angle - 2-1/2" x 240"	VZWSMART angle 2-1/2" X 2-1/2" X 1/4", 240" long galvanized
A-PLK2-01	Angle - 3" x 96"	VZWSMART angle 3" X 3" X 1/4", 96" long, galvanized
A-PLK5-01	Angle - 3" x 96"	VZWSMART angle 3" X 3" X 3/16", 96" long, galvanized
A-L30X30X4X120	Angle - 3" x 120"	VZWSMART angle 3" X 3" X 1/4", 120" long, galvanized
A-L30X30X4X240	Angle - 3" x 240"	VZWSMART angle 3" X 3" X 1/4", 240" long, galvanized
A-L40X40X4X120	Angle - 4" x 120"	VZWSMART angle 4" X 4" X 1/4", 120" long, galvanized
A-L40X40X4X240	Angle - 4" x 240"	VZWSMART angle 4" X 4" X 1/4", 240" long, galvanized
A-L50X30X6X120	Angle - 5" x 3" x 120"	VZWSMART angle 5" X 3" X 3/8", 120" long, galvanized
A-L50X50X6X120	Angle - 5" x 120"	VZWSMART angle 5" X 5" X 3/8", 120" long, galvanized

AVAILABLE FROM

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steelproducts@andrew.com

Since 1937, ANDREW, an Amphenol company, has driven the evolution of wireless technology. Trusted by mobile network operators and enterprises globally, we work closely with our customers to deliver innovative solutions that enhance connectivity experiences both outdoors and indoors. Our dedicated global team is committed to advancing the industry, fueled by the vision that a better-connected future is possible.

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