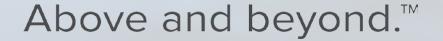


ANTENNAS, TOWERS AND MOUNTING EQUIPMENT



Agenda

- About Us
- Markets We Serve
- Towers Overview
- DMX Self-Supporting Towers
- DMXB Bracketed Towers
- Golden Nugget Bracketed Towers
- Commercial Guyed Towers
- Lighting Towers
- Pop-Up Telescoping Masts

- Tripods
- Wall Mounts & Masting
- Heavy Duty Non-Penetrating Roof Mount
- Non-Penetrating Roof Mounts
- Custom Mounts
- WiFi
- CATV
- Web Site Demonstration
- Questions



About Us

Wade Antenna manufactures secure and reliable communication solutions for organizations worldwide that value security and reliability.

In 1989 WADE Antenna Ltd. is established and purchases the rights to a respected antenna product line created 55 years prior. We strengthened our market position, distribution channels, and customer service by acquiring Delhi Antenna products in 2001, which included home antennas, towers and mounting equipment.

With progressive leadership that emphasizes customer service through sales, marketing, research and innovation, WADE and TACO deliver unrivalled service and satisfaction alongside leading edge technology.



Markets We Serve

Towers and Mounts

- Off-air TV reception
- Rural Broadband wireless networks
- Oil & gas
- Security
- Mining
- Construction sites and parks
- Education
- Off Grid power (Res, Ent, Comm.)



Markets We Serve

Antennas

- Rural broadband wireless connectivity
- Mining
- Transportation
- Oil & gas
- Construction (Above and Underground)
- Cable TV & Broadcast
- Education

We can also provide custom solutions for unique wireless markets



Towers and Mounts

Overview

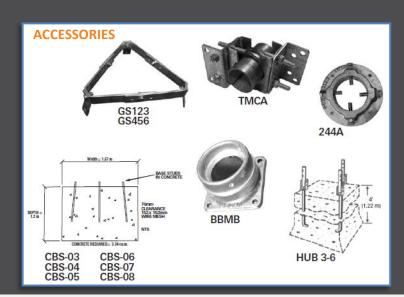
- Leading manufacturer of high quality mounting equipment
- Installed across Canada, the United States and worldwide for over 50 years
- Originally designed for TV Antenna applications
- Mounting products include wall mounts, pop-ups, flat roof mounts and tripods.
- Free standing, bracketed, and guyed tower models available
- Equipment is now most commonly used for rural SCADA, WiMax, Wi-Fi, 802.11 wireless internet, and indoor/outdoor LTE applications



DMX Self-Supporting Towers

- Free-standing installation
- High strength galvanized steel construction
- Sections 8-5 are 12 ga. Sections 4-1 are 16 ga.
- Standard, medium & heavy duty models supporting 3, 6 and 9 square feet of wind area
- Eight foot sections, from 28 to 68 feet
- Attractive tapered design
- Hardware included
- Compact shipping package

Watch our DMX Tower Video

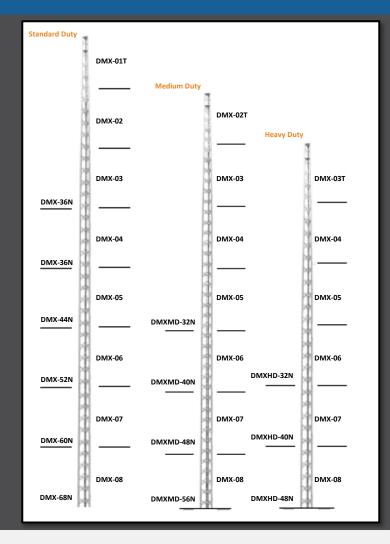






DMX Self-Supporting Towers





STANDARD TOWER PACKAGES

DMX towers are packaged complete with CBS concrete base stubs, DM mast, top plate, rotor plate, TMCA clamp assembly and all necessary hardware. Height includes mast.

MEDIUM AND HEAVY DUTY TOWER PACKAGES

DMX Medium and Heavy Duty towers are packaged complete with CBS concrete base stubs, top plate, rotor plate, 244A mast clamp assembly and all necessary hardware.

TOWER MODELS

Standard Duty

DMX-28N 28' (8.53 m) **DMX-36N** 36' (10.97 m)

DMX-44N 44' (13.41 m)

DMX-52N 52' (15.85 m)

DMX-60N 60' (18.29 m)

DMX-68N 68' (20.73 m)

Medium Duty

DMXMD-32N 32' (9.75 m)

DMXMD-40N 40' (12.19 m)

DMXMD-48N 48' (14.63 m)

DMXMD-56N 56' (17.07 m)

Heavy Duty

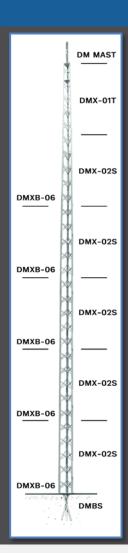
DMXHD-32N 32' (9.75 m)

DMXHD-40N 40' (12.19 m)

DMXHD-48N 48' (14.63 m)



DMX Bracketed Towers



- Complete tower package, no concrete required
- High strength galvanized steel construction
- Universal house bracket
- Designed to support equipment up to 3 Sq.ft (0.28M2) projected wind area, mounted not more than 2.5 sections above house bracket

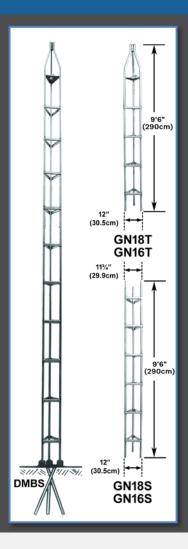
Applications

- Industrial/commercial communications
- Video surveillance, off-air TV antennas, rural wireless internet

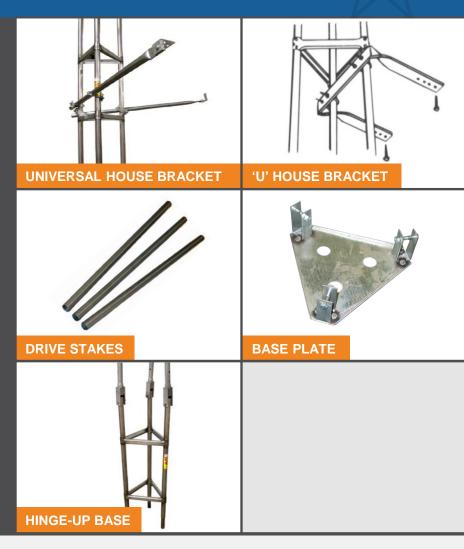




Golden Nugget Bracketed Towers



- 10 foot tubular sections with precision swaged legs for perfect fit
- Galvanized steel legs and braces "Everdur" welded for high strength
- Sleeve bearing for masts up to 1.66" (3.8 cm) diameter
- Rotor plate for masting included
- Designed to support equipment up to 3 ft² (0.28 m2) projected wind area, mounted not more than 2.5 sections above house bracket.
- Sections are subjected to pressure testing to ensure all weld points pass the minimum strength requirements



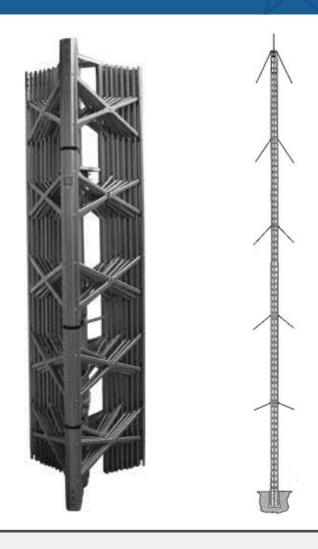


Commercial Guyed Towers

- 12 models available from 62 ft. (8 sections) up to 147 ft.
 (19 sections) plus mast.
- Larger top section allows for greater loading
- Designed to support a net antenna weight of up to 80 lbs. with a horizontal wind load of up to 300 lbs. plus rotor and 2" O.D. x 10 ft. mast.
- Instructions supplied for 30 degree guying with ground anchors 120 degrees apart, ½ tower height from base.

Applications

Industrial/Commercial communications, rural internet connectivity, video surveillance, Site lighting



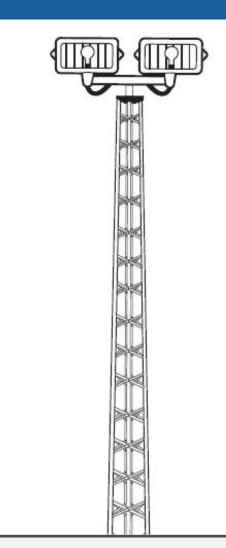


Lighting Towers

- Top section includes 2 heavy gauge galvanized plates, each with a heavy duty cast aluminum mast clamp that will accept masts up to 2 ½" O.D
- 8 ft. nested sections for easy shipping and handling
- Climb shields available

Four Series available:

Model	Series No.	Max. Height	Max. Load
LT	1	64'	3 ft ² projected area – 60 lbs of weight
LT	2	56'	6 ft ² projected area – 120 lbs of weight
LT	3	48'	9 ft ² projected area – 180 lbs of weight
LT	4	40'	12 ft ² projected area – 240 lbs of weight





Pop-Up Telescoping Masts

Pop-Up telescoping masts to choose from:

Model 15A 15 Foot Telescoping Mast

Model 20A 20 Foot Telescoping Mast

Model 30A 30 Foot Telescoping Mast

Model 40A 40 Foot Telescoping Mast

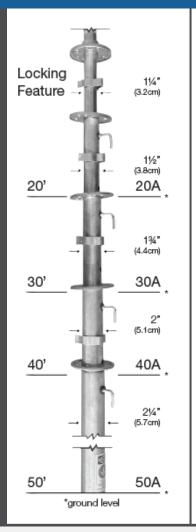
Model 50A 50 Foot Telescoping Mast

Features

- High strength galvanized steel tubing
- Precision flared and swaged for smooth fit
- 16 gauge top section, balance 18 gauge
- Snap lock for easy installation
- Chafe resistant floating guy rings included
- Various bases available

Applications

Oil & gas, rural wireless, SCADA

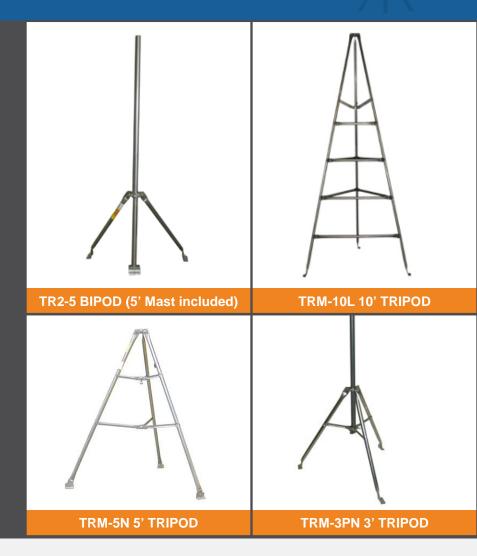






Tripods

- Heavy duty construction
- 1 1/4" (3.18 cm) galvanized welded steel tubing
- Accepts up to 1 ¾" (4.4 cm) mast
- Installs on peaked or flat roof
- All models pre-assembled for quick and easy on-site installation
- TRM-3PN boxed for easy storage
- Roof sealing lag screws available





Wall Mounts and Masting



MASTING (Our mast selection includes)

• 5, 8 & 10 foot lengths • 1.25 to 2 inch O.D. • 16 & 18 gauge



• Adjusts from 5-7" • 1 3/4 Inch U-Bolt ID.





• BTA - 23" • BTA-L - 29" • BTA-38 - 38"



CMY7-18

• 18" Strap • 1¾ Inch U-Bolt ID



Heavy-Duty Roof Mount

Features

RUGGED CONSTRUCTION

- Hot dip galvanized, all steel construction conforming to CSA G40.21
- 93" x 80.6" base for heavy duty support
- Wind loading available

FLEXIBLE AND ADAPTABLE

- 4 different mast size options: 2.88", 3.50", 4.00" & 4.50" OD
- 1 mount with 4 different configurations
- Antennas may be mounted to mast height of 10 feet
- Designed for minimal mast deflection acceptable for 80 GHz, max. area of .75ft²





Heavy-Duty Roof Mount

Benefits

EASY TO INSTALL

- Simple knock-down assembly allows for easier portability to installation location
- Uses standard 24" x 24" x 2" patio stones
- No roof drilling or penetration required
- Mast & required neoprene mat not included

APPLICATIONS

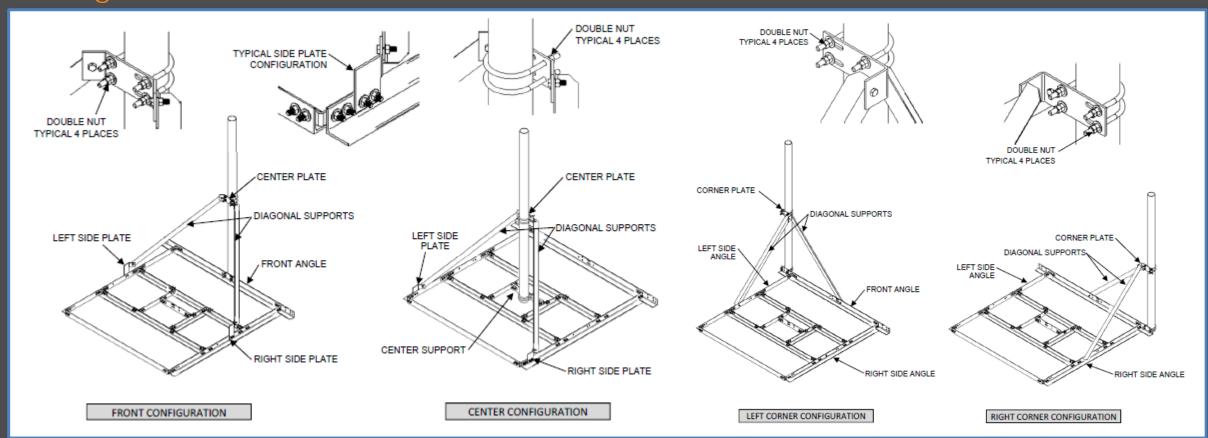
- Cellular/PCS, microwave, paging, satellite, 2-way radio
- Economical point-to-point data network communication





Heavy-Duty Roof Mount

Configurations





NON-Penetrating Roof Mounts

Features

- 2 gauges of pre-galvanized steel frames
- Accepts our Wade Pop-up masts for added height (guying required)
- Stabilizing white mats available to protect the mounting surface

Benefits

- Rigid construction will withstand harsh elements
- No anchoring necessary
 Uses both cinder blocks & patio stones

Applications

- Inexpensive industrial, commercial & rural wireless communications
- Video surveillance

HALF BASE MODELS

- Base size: 48" x 30"
- 2" OD mast included



FULL BASE MODELS

- Base size of 48" x 48"
- •Accept up to 21/2" mast (mast not included)
- Minimum mast height of 54 inches
- •1 & 2 use 244A **Mast Clamp**
- •3 & 4 use U-Bolts
- •1 & 3, 16 Gauge Steel
- •2 & 4, 14 Gauge Steel
- Courier shippable





NPRM-2



NPRM-1



NPRM-4

NON-Penetrating Roof Mounts



FULL BASE MODELS



NPRM-1 16 GAUGE STEEL



NPRM-2 14 GAUGE STEEL





The 1 & 2 share top and base mast clamp



NPRM-3 16 GAUGE STEEL



NPRM-4 14 GAUGE STEEL





The 3 & 4 share top and base U-bolt and bracket

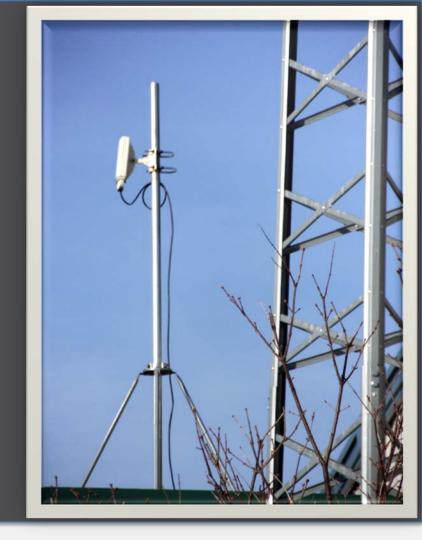
All Full Base Models

- Base size: 48" x 48"
- Accept up to 2-1/2" mast
- Minimum mast height of 54"
- Courier shippable
- Mast not included



NPRM-2 Non-Penetrating Roof Mount

Motorola Canopy Access Point for PtP application





Custom Brackets

Applications

- Utilities
- Municipalities
- Oil & gas
- NEMA enclosures
- Antenna mounting
- SCADA
- Hydro poles



I BRACKET (Heavy Wall Aluminum Bracket)



L BRACKET (Heavy Wall Hot Dipped Galvanized Steel Bracket)





Wi-Fi Antennas



Overview

- Niche wireless applications
- Broad customer base
- Antennas deployed around the globe
- Focus on superior, reliable products at a competitive price



Helical Antennas



Features

- 2.4 or 5.8 GHz
- Video

Applications

- Wi-Fi
- ISM
- RFID
- Warehousing
- SubwayTunnels

- Data transfer
- VoIP

- Elevator shafts
- Video surveillance
- Downtown corridors
- Parking lots
- Underground Mining





5 GHz Train Antenna

(1)++++

- Our BD-5.8-9 is a truly bi-directional antenna
- Currently used in VIA Rail`s mobile mesh network
- Single RF input avoids the need for phase matched RF cables
- Aerodynamic fiberglass cover adds strength and durability





CATV Antennas

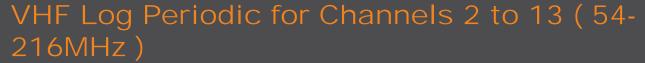


Model Types

- Log Periodic
- Helical
- Parabolic
- Yagi



Log Periodic Antennas



- Rugged construction
- Excellent performance with reliable operation

UHF Log Periodic for Channels 14 to 69 (470 – 890MHz.)

- Provides optimum performance over the desired band
- Light weight, high quality antenna is small in size and big on performance



- Available in custom designed arrays to minimize signal interference
- Used by telecommunication and cable TV companies
- Models are end mounted

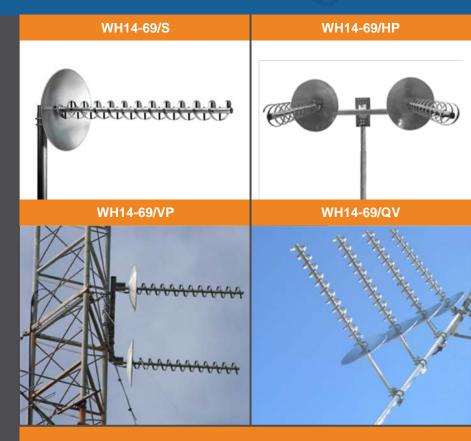


Helical Antennas



Features

- Broadband UHF
- channels 14 to 69 (470MHz.- 890MHz.)
- High gain
- Circular polarization
- Less tower load



 Available in custom designed arrays to minimize signal interferenceare



Parabolic Antennas

 $\left(\left(\frac{1}{2}\right)HH\right)$

- Broadband UHF channels 14 to 69 (470MHz.- 890MHz.)
- High gain, light weight grid design
- Four models available (4', 6', 8', 2 x 8')





Yagi

(1)1111

- VHF & UHF cut-to-channel and broadband models
- Ideal for multiple dwelling units and small cable operators
- Economically priced
- Corrosion resistant materials
- Cantilever mounting kits available





WEB SITE DEMO



Distributor Support

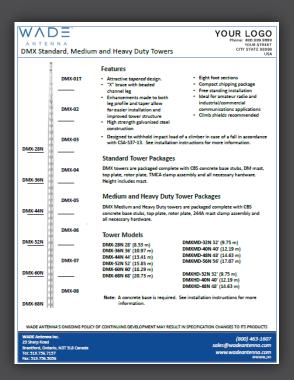
- Print
- Email blasts
- Newsletter Promotions
- Supplier Events
- Incentives
- Point-of-Purchase displays
- Custom collateral



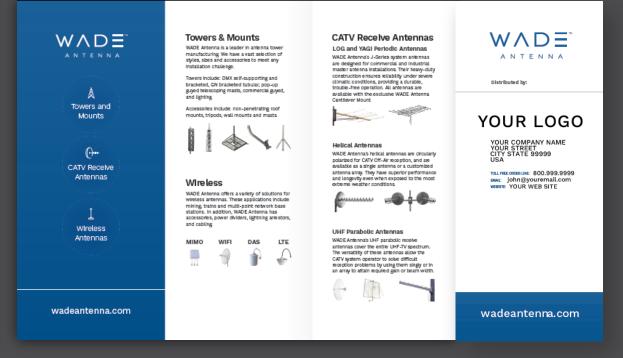


Print

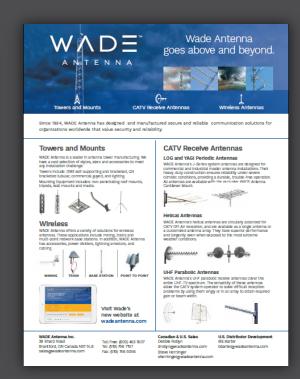
Specification sheets



Brochures



Tabletop displays





Product Featured Email Blasts





Special Offer Email Blasts

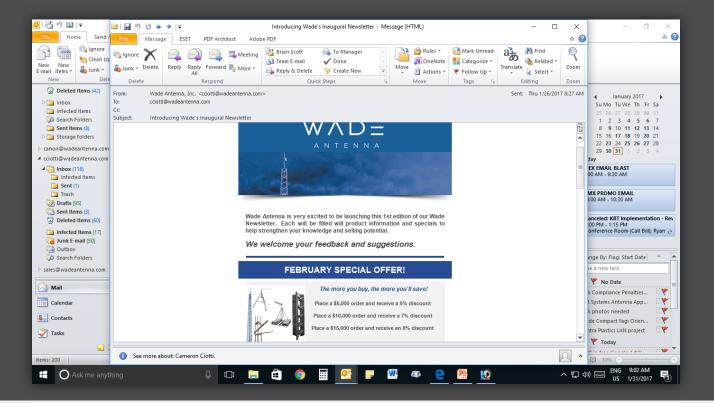
- Customized with your logo and company information
- Focus on products of your choosing
- Great way to inform your customers
- Monthly promotional offers
- Newsletter utilization

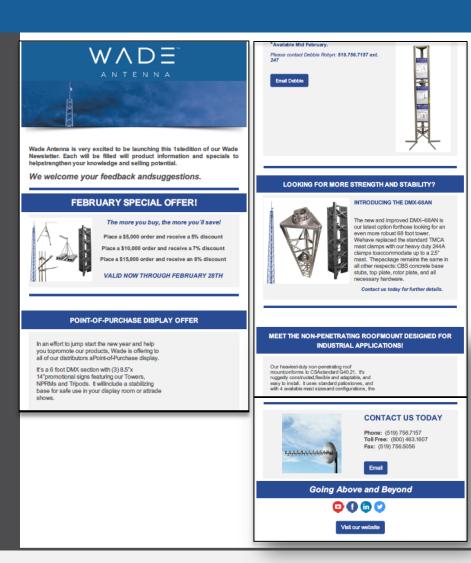




Newsletter Promotion

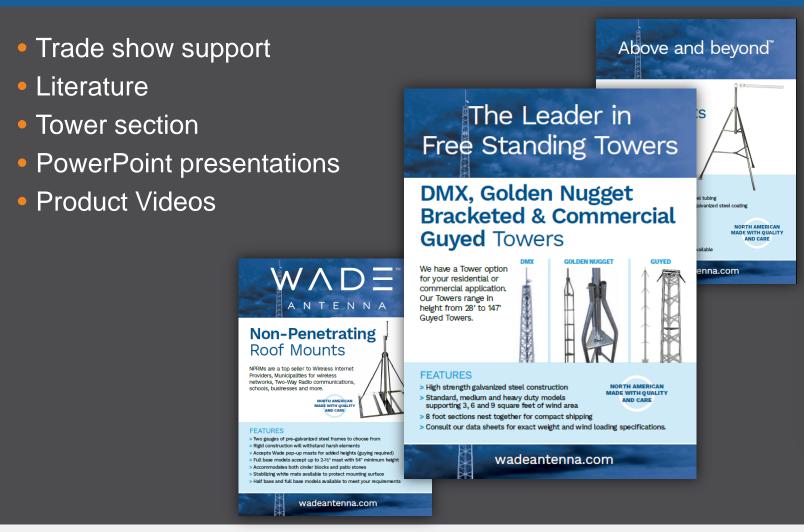
- Utilize our quarterly newsletter to promote Wade to your customers
- Each edition features a different product and special offer
- We welcome your suggestions for items to include

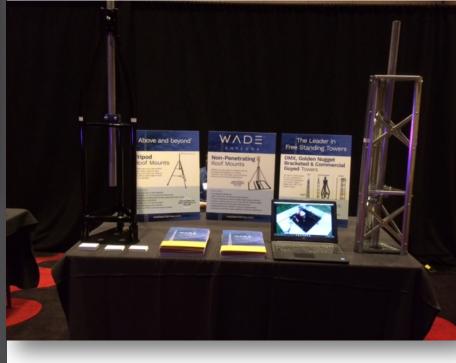






Supplier Events



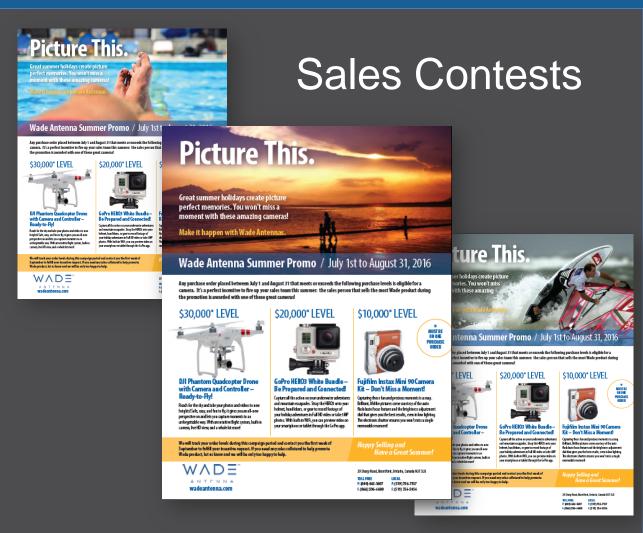




Incentives

Scratch & Win







Point-of-Purchase Displays

FRONT DESK DISPLAY



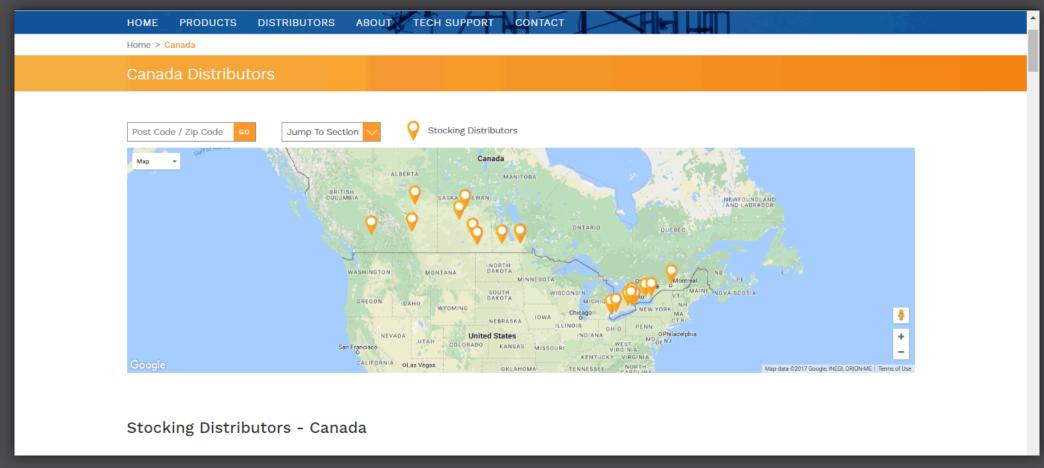
DMX DISPLAY

- 6 Foot DMX section
- (3) 8.5"x 14" promotional signs featuring our Towers, NPRMs and Tripods
- Stabilizing base
- Perfect for show rooms and trade shows





Canadian Distributor Map

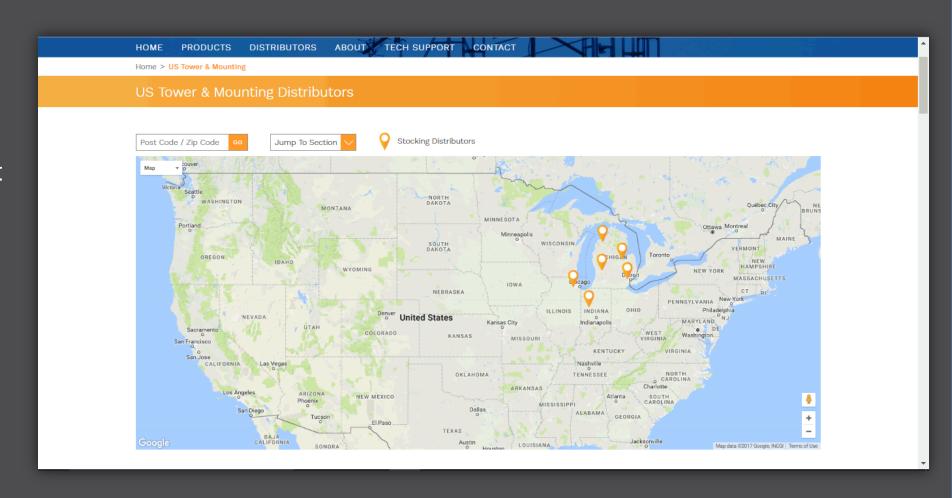


Screenshot of our current Canadian stocking distributor network.



US Distributor Map

- Screenshot of our current US stocking distributor network
- We are dedicated to your success in new markets





QUESTIONS?

