



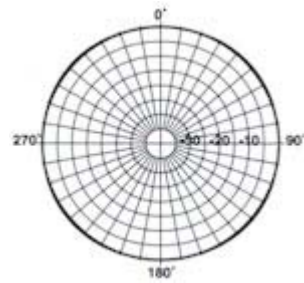
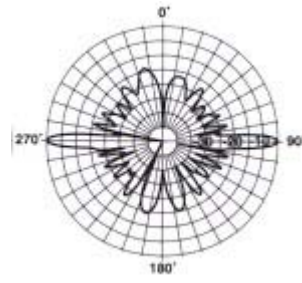
For Export Only

[Home Page](#) | [Antennas](#) | [Omni Fiberglass](#) | [PD10017](#) | [Quotation](#) | [Search](#) | [E-mail](#)
PD10017 *Specifications*

ELECTRICAL SPECIFICATIONS	PD10017-1	PD10017-2	PD10017-3	PD10017-4	PD10017-5	PD10017-6
Frequency Range - MHz	800-836	820-855	845.5-880.5	865-900	862-898	925-960
Gain - dBd (dBi)	10.0 (12.1)					
Bandwidth - MHz for 1.5:1 VSWR	35				36	35
Vertical Beamwidth - Degrees	5.5	6				
Polarization	Vertical					
Maximum Power Input - Watts	500					
Electrical Tilt - Degrees	0					
Lightning Protection	Direct Ground					
Termination - Direct Fixed	N-female					
Flexible Extension	Optional					

MECHANICAL SPECIFICATIONS	PD10017-1	PD10017-2	PD10017-3	PD10017-4 PD10017-5	PD10017-6
Overall Length - ft. (m)	14.96 (4.56)	14.67 (4.47)	14.29 (4.36)	14.06 (4.28)	13.28 (4.05)
Element Housing Length-ft. (m)	12.96 (3.95)	12.66 (3.86)	12.29 (3.75)	12.06 (3.67)	11.28 (3.44)
Support Pipe Diameter - in. (m)	2.75 (0.07)				
Support Pipe Length - ft. (m)	2 (0.61)				
Weight - lbs (kg)	25 (11.3)	24 (10.9)			
Radiating Element Material	Copper				
Element Housing Material	Fiberglass				
Support Pipe Material	Aluminum Alloy				
Max Wind Loading Area (Flat Plate Equivalent) - ft2 (m2)	2.03 (.184)	1.99 (.185)	1.95 (.181)	1.91 (.177)	1.81 (.168)
Rated Wind Speed- mph (km/hr)	100 (161)				
Bending Moment @ Rated Wind 1 in. Below Top of Support Pipe ft lbf (N m)	533 (722.7)	510 (692)	486 (659)	467 (633)	414 (561)
Side Thrust @ Rated Wind - lbf (N)	81 (360)	80 (366)	78 (347)	76 (338)	72 (320)
Mounting Hardware - Supplied	PD46				
Mounting Hardware - Optional	PD241, PD246 PD10024,PD10028				

SHIPPING SPECIFICATIONS	PD10017-1	PD10017-2	PD10017-3	PD10017-4 PD10017-5	PD10017-6
Shipping Weight- lbs.(kg)	45.0 (20.4)				
Shipping Dimensions of Antenna-WxDxH-ft. (m)	18.7x0.33x0.33 (5.7x0.10x0.10)	16.8x0.33x0.33 (5.1x0.10x0.10)	16.4x0.33x0.33 (5.0x0.10x0.10)	16.2x0.33x0.33 (4.9x0.10x0.10)	16.8x0.33x0.33 (5.1x0.10x0.10)
Shipping Dimensions of Accessory-WxDxH-ft.(m)	N/A				

PD10017 Horizontal Pattern**PD10017 Vertical Pattern**

Wisco International - 690 W 28 St. Hialeah, FL 33010 USA
Telf. (305) 888-1676 - Fax (305) 887-1624 - E-mail:
wiscointl@wiscointl.com