LinkAlign-360POL-10

ANTENNA POLARIZATION POSITIONER ACCESSORY

The LinkAlign-360POL-10 is a polarization rotator accessory that interfaces directly with all LinkAlign positioners, with the exception of the LinkAlign-15LPT6-10. Standard LinkAlign software allows for the polarization axis to be enabled from the settings page and operated from the main control page. A single cable is provided with each positioner for power and control and plugged into the polarization connector located on the LinkAlign positioner. Four threaded studs on the backside of the rotator interface with captive thumb nuts on the LinkAlign positioner for tool-less installation.

The LinkAlign-360POL-10 is typically paired with 1-3 ft antennas, payloads up to 80 lbs (36.3 kg), and offers +/-200° of polarization range. Payload shall not exceed parent model limit that the LinkAlign-360POL-10 is coupled with. The 2 inch diameter hub-less design allows for on axis cable routing or rotary joint implementation.

LinkAlign-360POL-10 with
LinkAlign-360FER Series

TECHNICAL SPECIFICATIONS - LinkAlign-360POL-10	
Power	12VDC motor powered by LinkAlign Positioner
Material / Finish	Aluminum with stainless steel hardware / Hard coat anodize
Positioner Travel	
Polarization	400° (+/-200°)
Positioner Drive Rate	
Polarization	Variable, up to 4.5°/sec no load
Temperature	
Operational	-22 to 140°F (-30 to 60°C)
Survival	-40 to 158°F (-40 to 70°C)
Feedback Resolution	0.1°
Backlash	less than 0.25°
Torque	
Operational	20 ft-lbs (27.1 Nm)
Survival	50 ft-lbs (67.8 Nm)
Payload	80 lbs (36.3 kg) - Payload shall not exceed parent model limit coupled with
Dimensions	Height: 6.88" (17.48 cm), Width: 9.10" (23.11 cm), Depth: 4.10" (10.41 cm)
Weight	7.7 lbs (3.5 kg)
Mounting Interface	Captive 1/4-20 studs (Quick-Mount to LinkAlign Positioner)
Antenna Mount Options	Accepts all standard 1/4-20 stud Nextmove antenna brackets
Communication Interface	Interfaces directly with LinkAlign Positioner

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Specifications subject to change without notice

Nextmove Technologies, LLC • 1 Kerk Street • Hollis, NH 03049 • 603-654-1280 • info@nextmovetech.com • www.nextmovetech.com