

**35' Primary Pole  
Minimum Point of Attachment Height (ft)**

Span Length (ft)		30	40	50	60	70	80	90	100	110	120	125
#2 Triplex, Conch POA Height (Full Neutral)	See Note 1	12.0	12.0	12.0	12.0	12.0	12.2	12.1	12.1	12.5	*13.1	*13.9
	See Note 2	11.0	11.0	11.0	11.0	11.0	11.4	11.1	11.1	11.3	11.8	12.6
	See Note 3	16.0	16.0	16.0	16.0	16.0	16.1	16.3	16.8	17.6	18.6	19.8
#2 Triplex, Cockle POA Height (Reduce Neutral)		<b>Maintenance Use</b>										
	See Note 1	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.1	12.3	12.8	*13.2
	See Note 3	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.2	11.6	12.0
2/0 Triplex, Triton POA Height (Full Neutral)	See Note 1	12	12	12	12	12	12	12.2	12.9	*13.8	*15.1	*17.0
	See Note 2	11	11	11	11	11	11	11.1	11.6	12.5	*13.7	*15.4
	See Note 3	16	16	16	16.1	16.1	16.4	17.1	18.3	19.7	21.5	23.9
2/0 Triplex, Clio POA Height (Reduce Neutral)		<b>Maintenance Use</b>										
	See Note 1	12.0	12.0	12.0	12.0	12.0	12.0	12.1	12.6	*13.4	*14.6	*15.4
	See Note 3	11.0	11.0	11.0	11.0	11.0	11.0	11.1	11.4	12.1	*13.2	*13.9
4/0 Triplex, Zuzara POA Height (Full Neutral)	See Note 1	12.0	12.0	12.0	12.0	12.1	12.2	12.9	*14.1			
	See Note 2	11.0	11.0	11.0	11.0	11.1	11.1	11.7	12.7			
	See Note 3	16.0	16.0	16.0	16.1	16.3	17.1	18.3	20.1			
4/0 Triplex, Cerapus POA Height (Reduce Neutral)		<b>Maintenance Use</b>										
	See Note 1	12.0	12.0	12.0	12.0	12.0	12.1	12.6	*13.5			
	See Note 3	11.0	11.0	11.0	11.0	11.0	11.0	11.4	12.2			
#2 Quadruplex, Palomino POA Height	See Note 1	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.3	*13.0	*13.9	*14.6
	See Note 2	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.2	11.7	12.6	*13.2
	See Note 3	16.0	16.0	16.0	16.0	16.0	16.1	16.6	17.3	18.4	19.8	20.7
2/0 Quadruplex, Grullo POA Height	See Note 1	12.0	12.0	12.0	12.0	12.0	12.1	12.7	*13.7			
	See Note 2	11.0	11.0	11.0	11.0	11.0	11.1	11.5	12.4			
	See Note 3	16.0	16.0	16.0	16.0	16.2	16.9	18.0	19.4			
4/0 Quadruplex, Appaloosa POA Height	See Note 1	12.0	12.0	12.0	12.0	12.1	12.4					
	See Note 2	11.0	11.0	11.0	11.0	11.0	11.3					
	See Note 3	16.0	16.0	16.0	16.1	16.8	17.4					

\* Exercise **CAUTION** when Point of Attachment is greater than 13' above ground level for given span lengths

**NOTES**

- (1) Minimum POA heights for service drops passing over level, terrain in spaces and ways subject to pedestrians or restricted traffic only where its total height exceeding 8' is not reasonably anticipated. This table is not applicable if any portion of the service crosses a road, alley, commercial driveway, over a roof, or those traversing unlevel ground. Contact design engineering for analysis for any of these conditions.
- (2) Minimum POA heights for service drops passing over roads, streets, alleys, non-residential driveways, parking lots, and other areas subject to truck traffic with level, even terrain and will provide a minimum clearance of 16' along the entire span. Contact design engineering for analysis for those that traverse unlevel ground or pass over a roof.
- (3) Additional height may be required for clearance to telephone and CATV service.
- (4) POA heights based on messenger elevation of 24.5' at take-off pole and includes an additional 6" sag at 194°F.
- (5) Maximum operating temperature - 90° C or 194° F.
- (6) Sags are based on 330 pounds messenger tension (NESC Medium Loading).
- (7) Multiple conductors per PNM Specification C11.
- (8) Contact your PNM Representative to determine the service drop cable size.

**REFERENCES**

- (1) See DS-13-2.0 Pages 1-3 Clearances from Buildings and Other Structures
- (2) See DS-13-2.5 Pages 1-3 Vertical Clearances above Ground, Roadway, Rail, or Water Surfaces
- (3) See DM-13-2.7 Pages 1-5 Clearance Check Examples

**Minimum Point of Attachment Height  
For Service Drop Cables**

**DS-4-4.5.2**

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