

**45' Primary Pole
With Messenger Attached 8'-6" Below Pole Top
Minimum Point of Attachment Height (ft)**

Span Length (ft)		Up to 50	60	70	80	90	100	110	120
#2 TSC, Conch									
POA	See Note 1	12'	12'	12'	12'	12'	12'-1"	12'-3"	12'-9"
Height	See Note 2	16'	16'	16'	16'	16'-4"	16'-6"	17'-1"	17'-11"
#2 TSC, Cockle									
Maintenance Only									
POA	See Note 1	12'	12'	12'	12'	12'	12'-1"	12'-2"	12'-7"
Height	See Note 2	16'	16'	16'	16'	16'-2"	16'-5"	16'-11"	17'-8"
1/0 TSC, Murex									
POA	See Note 1	12'	12'	12'	12'	12'-1"	12'-5"	13'-1"	
Height	See Note 2	16'	16'	16'-1"	16'-3"	16'-8"	17'-5"		
2/0 TSC, Triton									
POA	See Note 1	12'	12'	12'	12'	12'-1"	12'-6"	13'-4"	
Height	See Note 2	16'	16'	16'	16'-3"	16'-8"	17'-7"		
2/0 TSC, Clio									
Maintenance Only									
POA	See Note 1	12'	12'	12'	12'	12'-1"	12'-5"	13'	
Height	See Note 2	16'	16'	16'	16'-2"	16'-7"	17'-4"		
4/0 TSC, Zuzara									
POA	See Note 1	12'	12'	12'	12'-1"	12'-6"	13'-6"		
Height	See Note 2	16'	16'	16'-1"	16'-8"	17'-7"			
4/0 TSC, Cerapus									
Maintenance Only									
POA	See Note 1	12'	12'	12'	12'-1"	12'-5"	13'-2"		
Height	See Note 2	16'	16'	16'-2"	16'-6"	17'-4"			
#2 QSC, Palamino									
POA	See Note 1	12'	12'	12'	12'	12'	12'-2"	12'-8"	13'-5"
Height	See Note 2	16'	16'	16'	16'-1"	16'-5"	16'-11"	17'-9"	
1/0 QSC, Criollo									
POA	See Note 1	12'	12'	12'	12'	12'-3"	12'-9"	13'-8"	
Height	See Note 2	16'	16'	16'-1"	16'-5"	17'	18'		
2/0 QSC, Grullo									
POA	See Note 1	12'	12'	12'	12'-1"	12'-5"	13'-3"		
Height	See Note 2	16'	16'	16'-1"	16'-5"	16'-7"			
4/0 QSC, Appaloosa									
POA	See Note 1	12'	12'	12'-1"	12'-6"	13'-1"			
Height	See Note 2	16'	16'-1"	16'-6"	17'-6"				

Services are encouraged to be limited to the lengths adjacent to the bold dividing line.

* 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, even 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 29' 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.
- (9) NESC C2.2023 Reference: Rule 232B1 and Table 232-1.

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
From 45' Primary Pole**

DS-4-4.5.1

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