Riser Cable Support

NOMENCLATURE

Applied Length: Assists in identification of conductor size, corresponding to tabular information appearing on catalog pages.

Color Code: Assists in identification of conductor size, corresponding to tabular information appearing on catalog pages.

Since the COATED TOP TIES are all black, where an insulator or conductor code normally would be black, no additional black mark is applied to the COATED TOP TIES.

GENERAL RECOMMENDATIONS

Intended Use: The Riser Cable Support is intended to be used on conductor that is transitioning from underground to overhead where the cable needs to be secured to the pole above the conduits. The Riser Cable Support holds the weight of the cable during this transition.

Material: Riser Cable Supports are made from a UV stabilized PVC material built to sustain strength and durability while exposed to extensive sunlight over time.

The Riser Cable Support is designed to permit controlled and limited movement of unbroken cable and under certain conditions, return the cable to its originally installed position. The ability of the support to give and return under differential loading conditions is called “resiliency” and is designed into each Riser Cable Support.

SAFETY CONSIDERATIONS

1. This product is intended for a single (one-time) use and for the specified application. CAUTION: DO NOT REUSE OR MODIFY THIS PRODUCT UNDER ANY CIRCUMSTANCES.
2. This product is intended for use by trained craftspeople only. This product SHOULD NOT BE USED by anyone who is not familiar with and trained in the use of it.
3. When working in the area of energized lines with this product, EXTRA CARE should be taken to prevent accidental electrical contact.
4. For PROPER PERFORMANCE AND PERSONAL SAFETY be sure to select the proper size PREFORMED™ Riser Cable Support before application.
5. PREFORMED Riser Cable Supports are precision devices. To ensure proper performance, they should be stored in cartons under cover and handled carefully.
Riser Cable Support

For use on: Ground Wire

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Bracket</th>
<th>No Bracket</th>
<th>Cable Range</th>
<th>Units</th>
<th>Wt./Lbs.</th>
<th>Length (in.)</th>
<th>Color Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCS-0416</td>
<td>RCS-0416N</td>
<td>.296 - .400</td>
<td>50</td>
<td>18</td>
<td></td>
<td>16</td>
<td>White</td>
</tr>
<tr>
<td>RCS-0417</td>
<td>RCS-0417N</td>
<td>.401 - .540</td>
<td>50</td>
<td>19</td>
<td></td>
<td>16</td>
<td>Green</td>
</tr>
<tr>
<td>RCS-0418</td>
<td>RCS-0418N</td>
<td>.541 - .730</td>
<td>50</td>
<td>21</td>
<td></td>
<td>16</td>
<td>Blue</td>
</tr>
<tr>
<td>RCS-0419</td>
<td>RCS-0419N</td>
<td>.731 - .920</td>
<td>50</td>
<td>22</td>
<td></td>
<td>18</td>
<td>Orange</td>
</tr>
<tr>
<td>RCS-0420</td>
<td>RCS-0420N</td>
<td>.921 - 1.100</td>
<td>50</td>
<td>24</td>
<td></td>
<td>20</td>
<td>Red</td>
</tr>
<tr>
<td>RCS-0421</td>
<td>RCS-0421N</td>
<td>1.101 - 1.500</td>
<td>50</td>
<td>30</td>
<td></td>
<td>21</td>
<td>Black</td>
</tr>
<tr>
<td>RCS-0422</td>
<td>RCS-0422N</td>
<td>1.501 - 1.800</td>
<td>50</td>
<td>34</td>
<td></td>
<td>22</td>
<td>Pink</td>
</tr>
</tbody>
</table>

Riser Cable Supports are left hand lay standard.

EXPLANATORY NOTES:

(1) Diameter Range indicates the size of conductors that utilize the same tie.
Helical Ties for T2 Conductor

CONSTRUCTION

T2 conductor consists of two identical conductors twisted together in a left-hand lay direction at an approximate nine foot pitch length. Generally the conductors used are standard ACSR, AAC or AAAC construction but can be conductors of any configuration.

THEORY

The spiral shape of the two conductors twisted together disrupts the forces created by the steady crosswinds that can cause cable motion. The forces are disrupted by the continuously changing profile exposed to the wind. This spiral shape, together with less torsional stiffness and varying bending stiffness also reduces or can minimize cable galloping due to ice and wind loads.

APPLICATION

T2 conductor can be used in regions that are subject to galloping due to wind and ice. T2 conductor is also designed to reduce the requirement for vibration protection when installed within accepted tension limits.