

# I-String Assembly - Tangent Suspension, Tri-Bundle Conductor, 50K



**Weight:** 0.00kg

**Dimensions:** 0.00cm x 0.00cm x 0.00cm

## Description

PLP **Tri-Bundle String Assemblies**, including tangent suspensions, angled suspensions, and dead-ends, have been designed to accommodate the maximum vertical or tensile load of all conductors in the bundle. Standard configurations come in 18" x 18" x 18" spacing. The assemblies can be designed to accommodate specified insulator strength, string length, bundle spacing, and other factors. Designs may be independently tested to ensure corona performance at the specified line voltage.

## Features

- All items will arrive in one weather-resistant crate, so all string parts will be delivered at the same time.
- String Assemblies are packaged and marked by string or tower for easy field identification, to minimize handling, and to expedite string installation.
- The number of assemblies per crate can be modified based on customer requirements.
- The catalog numbers provided represent commonly used string configurations. Please contact a PLP sales representative if you are interested in design modifications, or creation of an assembly to your specification.

## Notes:

- All galvanizing has been performed per ASTM A153
- Parts with length “L” are variable length and dependent on the string design and line parameters.
- Suspension Clamp and associated attachment hardware sold separately. See the Suspension and Support section of the website for AGS / CGS / Bolted Clamp and Armor Rods options.
- Compression Dead-end Assemblies are sold separately. Please see the Compression Hardware section of the website for ACSR / ACSS / ACCC configurations.
- Corona rings are packaged separately.
- Please see the individual component drawings for detailed dimensions and material properties of parts.

**Documentation**  
**Sales Materials**

[S-IT-31-50 - Catalog Pages](#)

**Part Tables**

Catalog Number
S-IT-31-50

Bill of Materials					
Part Number	Description	QTY	Material	Weight (Ea) lbs. (Kg)	UBS lbs.
AS-50BNK	Anchor Shackle	1	Galv. Steel	1.7 (0.8)	50,000
BEL-50-L	Ball-Eye Link ("L")	1	Galv. Steel	Variable	50,000
Supplied By	Insulator	-	-	-	-

Other	String				
CR-60936	Corona Ring Assembly, I-String	1	Aluminum	13.9 (6.3)	-
SYC-50SN	Socket Y-Clevis with Sphere Nut	1	Galv. Steel	5.6 (2.5)	50,000
YPT-65978	Yoke Plate, Tri-Bundle	1	Galv. Steel	28.9 (13.1)	50,000
See Note 3 in Features section	Attachment Hardware with Sphere Nut	3	Galv. Steel	-	-
See Note 3 in Features section	Suspension Hardware	3	Aluminum	-	-