

Helical Rod Spacer

Weight: 0.00kg

Dimensions: 0.00cm x 0.00cm x 0.00cm

Description

The **HELICAL ROD Spacer** is recommended for use on horizontal, twin conductor bundles.

The functions of the HELICAL ROD Spacer are:

- To provide uniform spacing of horizontally bundled subconductors
- To insure consistent electrical characteristics
- To minimize wind induced motions such as subconductor oscillation and aeolian vibration so that no conductor damage results
- To keep the subconductors from entangling due to galloping, ice unloading, and fault currents.

Features

- Thermal Rating (Continuous) 125°C
- Constructed entirely of high strength aluminum alloy wire formed into helical rods
- No loose parts or troublesome articulated joints to create radio noise through looseness
- Designed to be coronafree at voltages 10-20% above operating up to 500 kV AC and 750 kV DC
- Applied easily and uniformly without tools and can be installed with hot line tools
- Designed to meet fault current requirements developed in most EHV line design.
- Complete fault current testing and analysis has been completed for the HELICAL ROD Spacer and is published in AIEE paper DP 58-779, and IEEE paper 63-88.

Documentation

Application Procedures

[SP-2053 \(Helical Rod Spacer\)](#)

Catalog Pages

[Helical Rod Spacer Catalogue](#)

Part Tables

380 MM STANDARD SPACING FOR TWIN CONDUCTOR BUNDLES
RIGHT HAND LAY STANDARD

CATALOGUE NO. CODE AWS	CONDUCTOR DIAM. (mm)	COLOUR CODE	APPROX. LENGTH OF SET	SETS PER CRATE	RODS PER SET
549	14.0	BROWN	450	200	4 or 6
558	14.2	BROWN	450	200	4 or 6
685	17.4	YELLOW	450	100	6
714	18.1	WHITE	500	100	6
741	18.8	GREEN	500	100	6
770	19.5	GREEN	550	100	6
826	21.0	BROWN	550	60	6
889	22.6	RED	650	60	6
924	23.5	ORANGE	650	60	6
1 022	26.0	BLACK	750	50	6
1 125	28.6	YELLOW	750	50	6
1 400	35.6	RED	750	45	

Product Gallery