

Overhead Shield Wire Repair Rods

NOMENCLATURE



Subsets: Individual aluminum clad steel rods assembled into groups. The bore is coated with conductive grit.

Center Mark: Establishes recommended alignment of rods during application.

Color code: Provides identification for application of OHSW size that corresponds to tabular information appearing on catalog page.

Identification Tape: Shows catalog number, nominal sizes.

GENERAL INFORMATION

Repair rods for overhead shield wire are designed to restore 100% of both the mechanical strength and electrical conductivity **when the number of broken wires do not exceed 50% of the total number of wires.**

Repair rods can be used at the support structures or within the span. **Overhead shield wire repair rods can not be used as a full tension splice.**

For Galvanized Steel OHSW (left hand lay)					
Catalog Number	OHSW Size inches	Length Inches	Rod Diameter inches	Number of Subsets	Color Code
OHSW-0102	3/16	35	0.086	2	Red
OHSW-0103	7/32	37	0.086	2	Green
OHSW-0104	1/4	45	0.086	2	Yellow
OHSW-0105	9/32	49	0.086	2	Blue
OHSW-0106	5/16	53	0.100	3	Black
OHSW-0107	3/8	62	0.119	3	Orange
OHSW-0108	7/16	72	0.138	3	Green
OHSW-0109	1/2	81	0.159	3	Blue
OHSW-0110	9/16	90	0.188	4	Yellow
OHSW-0111	5/8	103	0.204	4	Black
OHSW-0112	3/4	119	0.241	4	Orange
OHSW-0113	7/8	142	0.288	4	Green

For Aluminum-Clad Steel OHSW (left hand lay)						
Catalog Number	OHSW Range Inches	Nominal Sizes(s)	Length Inches	Rod Diameter Inches	Number of Subsets	Color Code
OHSW-2102	.174 - .181	3# 12	26	0.081	2	Orange
OHSW-2108	.219 - .220	3# 10	33	0.102	2	Green
OHSW-2110	.237 - .247	3# 9	34	0.102	2	Yellow
OHSW-2113	.270 - .280	3# 8	38	0.102	3	Blue
OHSW-2116	.303 - .313	3# 7	41	0.102	3	Black
OHSW-2119	.337 - .349	7# 9; 3# 6	45	0.114	3	Yellow
OHSW-2122	.380 - .394	7# 8; 3# 5	51	0.128	3	Orange
OHSW-2125	.427 - .442	7# 7	65	0.144	3	Green
OHSW-2128	.475 - .494	7# 6	72	0.162	3	Blue
OHSW-2129	.495 - .515	19# 10	74	0.162	3	Orange
OHSW-2131	.535 - .555	7# 5	78	0.162	3	Black