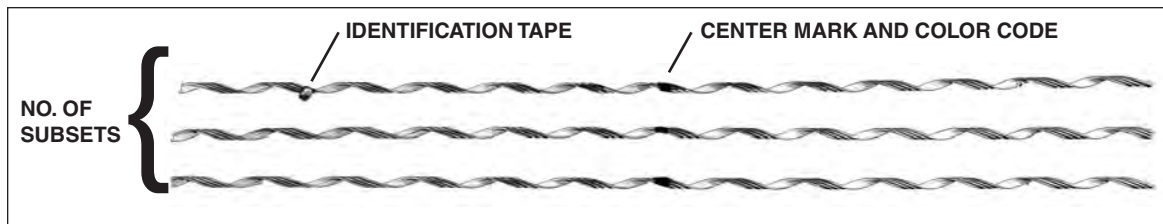




FIBERLIGN® Repair Rods for OPGW



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 OPGW size that corresponds to the information appearing in the table below.

Identification Tape: Shows catalog number, nominal sizes.

GENERAL RECOMMENDATIONS

FIBERLIGN Repair Rods are designed as a single-component, outer layer assembly for use on OPGW and are intended for repair of the outer mechanical strand members on an OPGW cable. **This is not an optical repair product.**

These OPGW Repair Rods are not designed or tested as splices for use on all-metal overhead shield wire and are not intended for that application.

Restorative-Repair: These Repair Rods will provide varying levels of mechanical and electrical repair depending upon the specific construction, stranding and material of the OPGW.



The extent of mechanical damage that the product can repair for single layer OPGW is up to 50% of the cable rated strength. The 50% rating is established by PLP® based on repair rod performance. Contact the OPGW cable manufacturer to verify the extent of damage that the specific cable design can survive without jeopardizing the performance of the fiber optic elements. If the cable manufacturer limits the repair level to lower than 50%, limit the use of the repair rod to the lower level for that specific cable. Consult PLP for further details.

Lay direction of the Repair Rods should be the same as the outer strands of the OPGW. Left-hand lay is standard, consult PLP for right-hand lay designs.

Repair Rods					
Catalog Number	Diameter Range (inch)	Diameter Range (mm)	Color Code	Length	
				in	M
3600100	.354-.385	8.9-9.7	Red	45	1.14
3600101	.386-.422	9.8-10.7	Black	48	1.22
3600102	.423-.460	10.8-11.6	Orange	50	1.27
3600103	.461-.505	11.7-12.8	Green	54	1.37
3600104	.506-.550	12.9-13.9	Blue	61	1.55
3600105	.551-.602	14.0-15.2	Yellow	65	1.65
3600106	.603-.660	15.3-16.7	Brown	70	1.78
3600107	.661-.719	16.8-18.2	Purple	74	1.88
3600108	.720-.785	18.3-19.9	Pink	80	2.03
3600109	.786-.850	20.0-21.5	Red	86	2.18
3600110	.851-.933	21.6-23.6	Black	94	2.39
3600111	.934-1.020	23.7-25.9	Orange	102	2.59

Left-hand lay standard