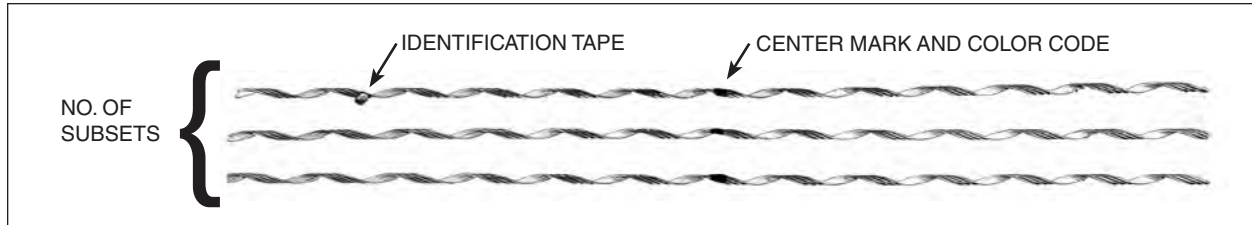




Optical Ground Wire Repair Rods

NOMENCLATURE



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

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

Center Mark:
Establishes recommended alignment of rods during application.

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 less 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)	Length (inch)	Length (mm)	Color Code
3600100	.354-.385	9-10	45	1143	Red
3600101	.386-.422	10-11	48	1219	Black
3600102	.423-.460	11-12	50	1270	Orange
3600103	.461-.505	12-13	54	1372	Green
3600104	.506-.550	13-14	61	1549	Blue
3600105	.551-.602	14-15	65	1651	Yellow
3600106	.603-.660	15-17	70	1778	Brown
3600107	.661-.719	17-18	74	1880	Purple
3600108	.720-.785	18-20	80	2032	Pink
3600109	.786-.850	20-22	86	2184	Red
3600110	.851-.933	22-24	94	2388	Black
3600111	.934-1.020	24-26	102	2591	Orange

Left-hand lay standard