FIBERLIGN® REPAIR RODS

The **FIBERLIGN Repair Rods** are designed to repair the outer mechanical strand members of the OPGW cable. Repair Rods are not an optical repair product and are not designed as splices for all-metal overhead shield wire.

FEATURES AND BENEFITS

- Subsetted aluminum-clad steel rods with an inner bore that is coated with conductive grit
- Provides varying levels of mechanical and electrical repair depending upon the specific construction, stranding, and material of the OPGW
- Repairs mechanical damage of single-layer OPGW cables up to 50% of the rated breaking strength of the cable. Contact the OPGW manufacturer to verify the extent of damage that the specific design of OPGW can withstand without jeopardizing the performance of the fiber optic elements of the cable.

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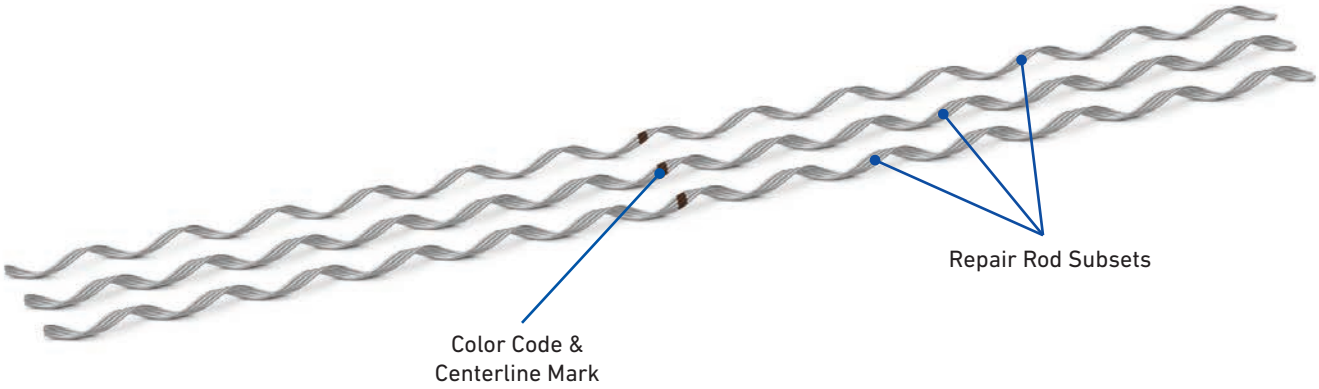
COMPONENTS

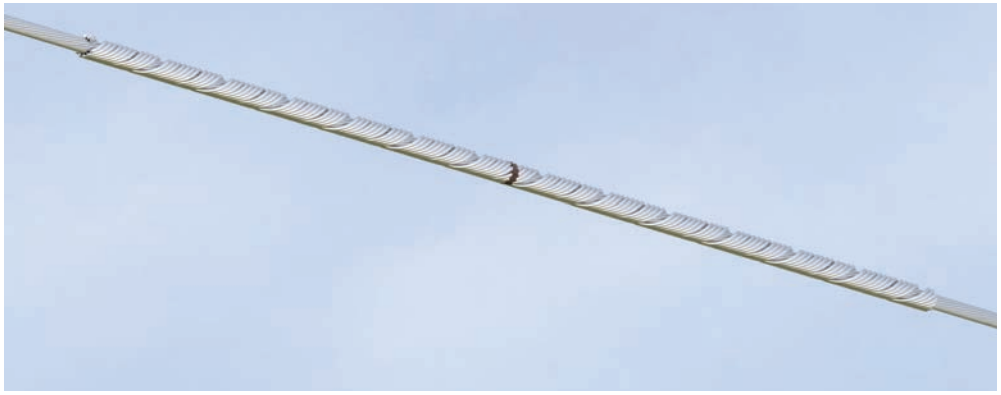


ORDERING INFORMATION

- Select the appropriate catalog number from the table below using the OPGW diameter.
- Standard repair rods are offered for left-hand lay single-layer strand OPGW. Repair rods for right-hand lay OPGW are available. Contact PLP with OPGW specifications for further information.

FIBERLIGN Repair Rods

Catalog Number	Cable Diameter		Rod Length		Rods per Set	Subsets	Color Code
	in	mm	in	m			
3600100	0.354 – 0.385	8.9 – 9.7	45	1.14	9	3-3-3	Red
3600101	0.386 – 0.422	9.8 – 10.7	48	1.22	9	3-3-3	Black
3600102	0.423 – 0.460	10.8 – 11.6	50	1.27	10	3-3-4	Orange
3600103	0.461 – 0.505	11.7 – 12.8	54	1.37	11	3-4-4	Green
3600104	0.506 – 0.550	12.9 – 13.9	61	1.55	10	3-3-4	Blue
3600105	0.551 – 0.602	14.0 – 15.2	65	1.65	10	3-3-4	Yellow
3600106	0.603 – 0.660	15.3 – 16.7	70	1.78	11	3-4-4	Brown
3600107	0.661 – 0.719	16.8 – 18.2	74	1.88	12	4-4-4	Purple
3600108	0.720 – 0.785	18.3 – 19.9	80	2.03	13	3-3-3-4	Pink
3600109	0.786 – 0.850	20.0 – 21.5	86	2.18	12	4-4-4	Red
3600110	0.851 – 0.933	21.6 – 23.6	94	2.39	12	4-4-4	Black
3600111	0.934 – 1.020	23.7 – 25.9	102	2.59	13	3-3-3-4	Orange



Repair Rods Installed on OPGW

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