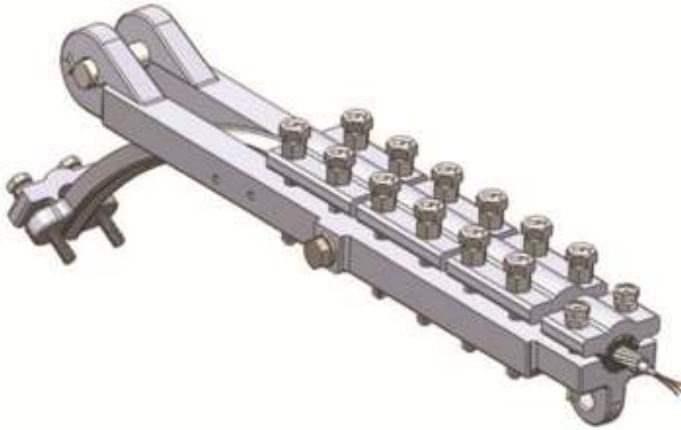


"Better Products by Design"



The **CPI OPGW Bolted Dead** is designed as a full tension termination of Optical Grounding Wire Spans (OPGW). The Patented Left and Right Hand gripper design allows the Dead End to hold 95% of the cable's RBS. Break-Away Shear Head bolts are used to ensure that proper gripping force is applied to the cable without attenuating the fibers and optical performance.

Please provide cable Spec. sheet when ordering.

## FEATURES

Rubber grommets suppress Aeolian vibration fatigue at the cable exit point.

Built in Pulling Eye provides a convenient sagging attachment for a tensioning device.

Compact length allows for complete installation from the structure.

Shear-Head bolts ensure proper torquing necessary to achieve maximum holding strength without damaging the fibers.

Optional Cable Down Guide helps to train the cable down or around the structure without exceeding the minimum bend radius of the cable.

Shorter and easier to install than formed wire dead ends allowing installation directly from the tower.

Standard drilled and tapped grounding lug attachment point eliminates the need for additional bonding accessories.

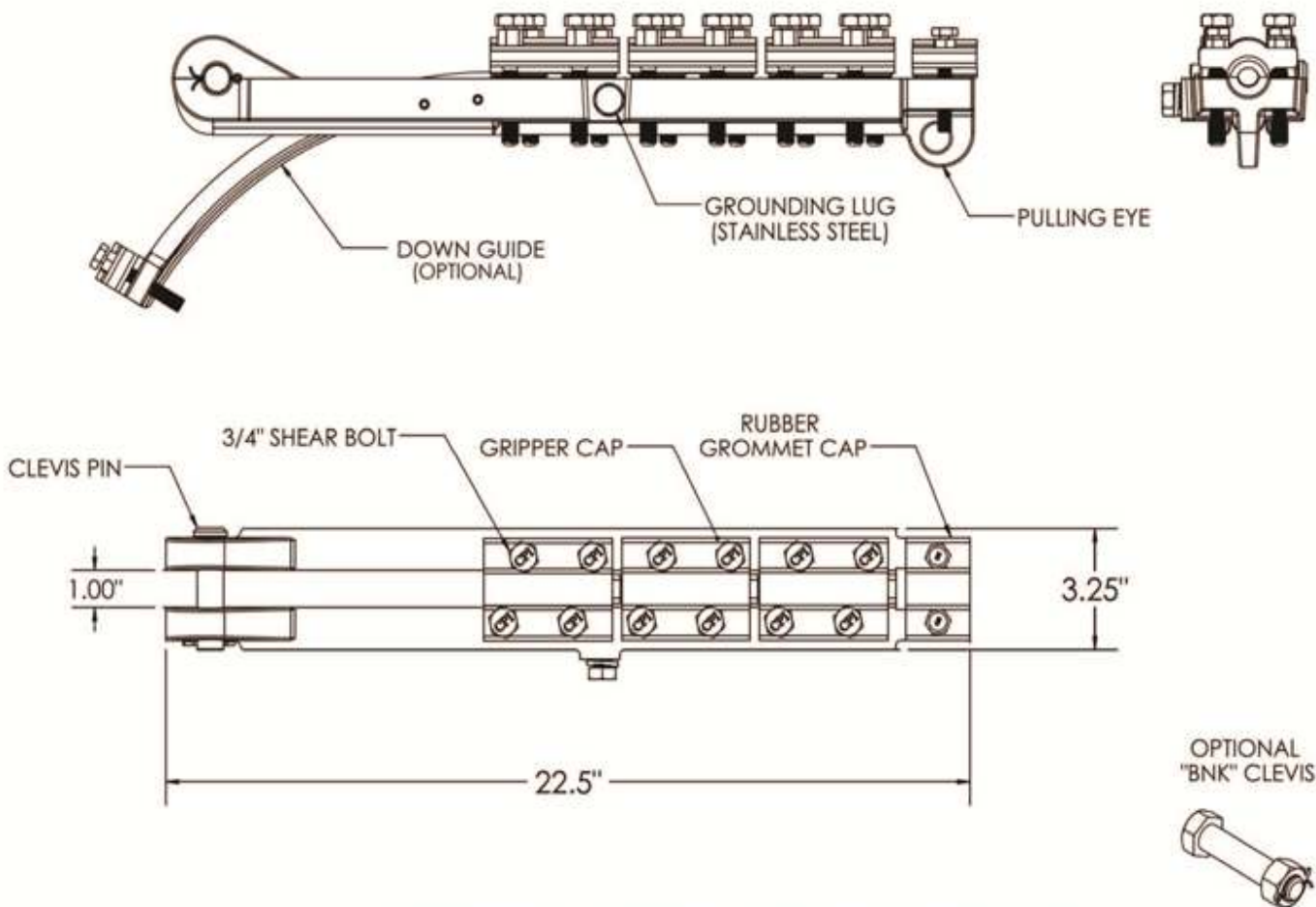
Unique cable gripper insert system greatly reduces manufacturing lead times. Most sizes are typically available In-Stock directly from the factory.

Design Criteria:

- Sustained load, 95% of cable RBS.
- Ultimate Mechanical Strength 35,000 Lbs.
- Cable Dia. range .350"-.750"

Dead Ends for larger cable are available upon request.

# OPGW Bolted Dead End



## PART # ORDERING INFORMATION AND CONFIGURATION OPTIONS

<b>OBDE</b>	<b>E G</b>	<b>14.3-14.8</b>	<b>BN</b>
OPTICAL BOLTED DEAD END	ENTER " <b>E</b> " IF THE CABLE RBS IS <b>UNDER</b> 25k ENTER " <b>C</b> " IF THE CABLE RBS IS <b>OVER</b> 25k  ENTER " <b>G</b> " TO <b>INCLUDE</b> DOWNGUIDE ENTER " <b>N</b> " TO <b>EXCLUDE</b> DOWNGUIDE	CABLE DIA. IN MILLIMETERS SEE CHART BELOW	ADD "BN" SUFFIX TO PART # IN ORDER TO SELECT THE BOLT NUT CLEVIS OPTION

NOTE:  
UNITS CONFIGURED TO THE "E" OPTION WHERE THE RBS. IS LESS THAN 25k lbs. WILL CONTAIN 3x FOUR BOLT CAPS

UNITS CONFIGURED TO THE "C" OPTION WHERE THE RBS. IS GREATER THAN 25k lbs. WILL CONTAIN 6x TWO BOLT CAPS

CPI Part #	Dia. Range (Millimeters)		Dia. Range (Inches)	
	Min	Max	Min	Max
OBDE (E/C)(G/N) 8.98-9.75	8.98	9.75	0.354	0.384
OBDE (E/C)(G/N) 9.75-10.7	9.75	10.7	0.384	0.422
OBDE (E/C)(G/N) 10.7-11.5	10.7	11.5	0.422	0.453
OBDE (E/C)(G/N) 11.5-12.7	11.5	12.7	0.453	0.500
OBDE (E/C)(G/N) 12.7-13.7	12.7	13.7	0.500	0.540
OBDE (E/C)(G/N) 13.7-14.3	13.7	14.3	0.540	0.563
OBDE (E/C)(G/N) 14.3-14.8	14.3	14.8	0.563	0.583
OBDE (E/C)(G/N) 14.8-15.5	14.8	15.5	0.583	0.611
OBDE (E/C)(G/N) 15.5-16.2	15.5	16.2	0.611	0.638
OBDE (E/C)(G/N) 16.2-17.0	16.2	17.0	0.638	0.670
OBDE (E/C)(G/N) 17.0-17.9	17.0	17.9	0.670	0.705
OBDE (E/C)(G/N) 17.9-19.0	17.9	19.0	0.705	0.750

NOTE:  
PART NUMBER INFORMATION IS DISPLAYED ON EACH UNIT USING THE SAME COLOR CODE SHOWN ON THIS CHART