

TUF HOTLINE

ROPE FOR OPTICAL FIBRE GROUND WORKS (OPGW) LINE STRINGING

Tuf Hotline is a high-performance rope specifically engineered for OPGW (Optical Ground Wire) line stringing applications in the transmission sector. OPGW cables are installed in overhead power lines and serve a dual function—electrical grounding and fiber-optic communication. Tuf Hotline is designed to support these installations with lightweight durability, balanced construction, and superior handling characteristics.

Each rope is precision-stretched and balanced to ensure long-lasting performance. Options include 8" factory-spliced eyes on both ends or customized terminations based on specific project requirements.

Features

- High breaking strength
- Lightweight construction
- Excellent abrasion resistance
- Easy to handle
- Water-resistant
- Low elongation
- Diameter tolerance: 10mm to 14mm ($\pm 7\%$); 16mm and above $\pm 5\%$

Benefits

- Made from polyolefin, a non-conductive material ideal for high-voltage environments
- Naturally resistant to electricity and moisture
- Does not absorb water, maintaining its strength even in wet conditions
- Special abrasion-resistant coating extends rope lifespan
- Maintains full strength in wet conditions (nylon can lose up to 10%)
- Offers a 15% weight advantage compared to traditional nylon double braid ropes
- Compact, double-braid-like construction ensures balanced and stable deployment

Size	Coil Weight		Min. Breaking Load	
			Unspliced	Spliced/LDBF
mm	kg/100 mtr	kg/200 mtr	Kgf	Kgf
12	7.80	15.60	3100	2790
14	10.20	20.40	4300	3870
16	13.30	26.60	5600	5040
18	16.90	33.80	7100	6390
20	20.90	41.80	8700	7830
22	25.20	50.40	10500	9450
24	30.00	60.00	12500	11250
26	35.50	71.00	14700	13230
28	41.50	83.00	17100	15390
30	48.00	96.00	18900	17010
32	55.00	110.00	21400	19260
34	63.50	127.00	24000	21600
36	71.50	143.00	26500	23850
38	80.00	160.00	29200	26280
40	89.00	178.00	32100	28890



options include 8" factory-spliced eyes



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