

OLFLEX® H07BN4-F

Torsional Rubber Cable for use in Wind Energy

OLFLEX® H07BN4-F is a single conductor rubber cable designed for torsion applications in the wind industry. Suitable for dry and damp interiors as well as outdoor use.

Recommended Applications:

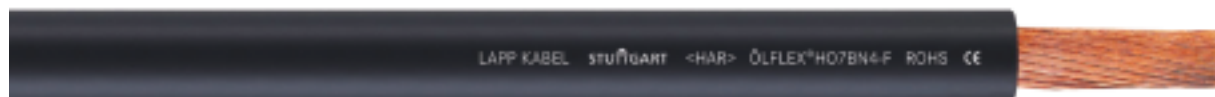
For mobile use as well as fixed installations such as power cable for the wind energy industry

Application Advantage:





- Torsion resistant up to +/- 150°/meter
- Abrasion resistant jacket
- Cold flexible down to -15°C
- Conductor temperature +90°C
- Flame retardant in acc. with IEC 60332.1 (UL VW-1)

OLFLEX® H07BN4-F Construction:

Highly flexible bare copper conductors; rubber base (EPR) insulation; special polychloroprene black jacket



Cable Attributes, See Page 653





	Oil Resistance: OR-01		Flame Resistance: FR-01
	Motion Type: T-01A*		Mechanical Properties: MP-01

Availability:










Standard put-ups are 1640ft, and 3280ft. Bulk reels can be cut to length.

Complete the installation with:

	SKINTOP® Strain Relief: Page 486		EPIC® Connectors: Page 251
	OLFLEX® Tubing: Page 546		OLFLEX® ROBOT Track Page 616

* 20,000 cycles +/- 150

Technical Data:

	Minimum Bending Radius			Test Voltage:	2500V	
	- for flexible:	6 x cable diameter			Conductor Stranding:	Extra fine wire in acc. to VDE 0295, Cl.6/IEC 288 Cl.6
	- for stationary:	5 x cable diameter			Approvals:	VDE 0282 Part 12/ HD 22.12
	Max Torson (Twist):	+/- 150°/meter				
	Temperature Range:					
	- Wind Energy:	-35°C to +90°C				
	- Flexible:	-15°C to +90°C				
	- Stationary:	-35°C to +90°C				
	Rated Voltage:					
	- U ₀ /u:	450/750V				
	- U ₀ /u:	600/1000V				

Part Number	Description	Outer Diameter		Copper Weight lbs/mft	Approx. Weight	
		inches	mm		lbs/mft	kg/km
1600715	95 mm ²	0.882	22.4	613	827	1230
1600716	120 mm ²	0.957	24.3	774	1001	1490
1600717	150 mm ²	1.071	27.2	968	1260	1875
1600718	185 mm ²	1.154	29.3	1193	1472	2190
1600719	240 mm ²	1.283	32.6	1548	1949	2900
1600720	300 mm ²	1.417	36.0	1935	2285	3400
1600721	400 mm ²	1.575	40.0	2580	2957	4400