6×7 FC Wire Rope

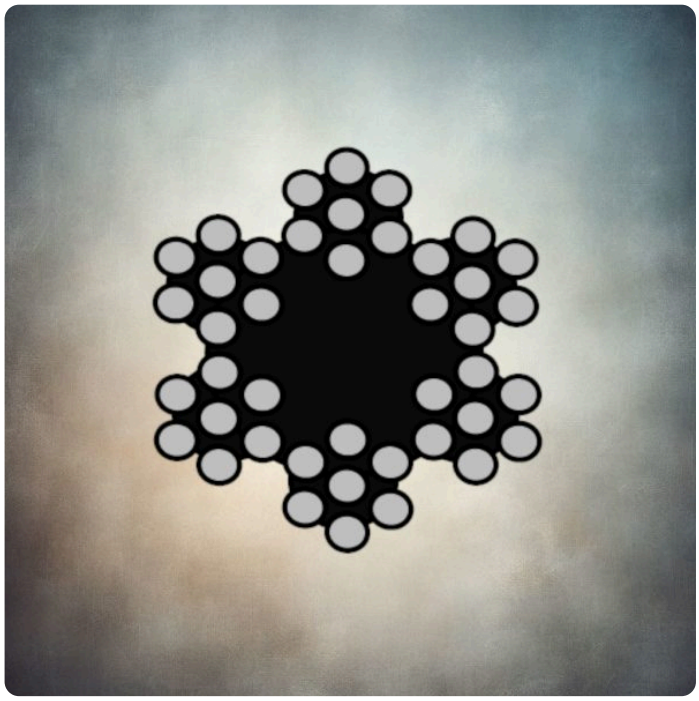
Conforms to EN 12385-4

Fibre Core Wire Rope

Our **6×7 Fibre Core (FC)** wire rope, conforming to EN 12385-4, consists of 6 strands, each with 7 wires laid around a central fibre or plastic core. This construction is relatively stiff compared to other 6-strand ropes but offers high abrasion resistance. It is often used in applications where flexibility is not the primary concern, such as guy wires, standing rigging, and control cables.

This rope is supplied with a **Galvanised Steel** (1960 N/mm²) finish for corrosion resistance and a Right Hand Ordinary Lay (RHOL).





Technical Specifications & Minimum Breaking Loads

The following table outlines the key specifications for our range of 6×7 FC galvanised wire rope, including diameter, weight, and Minimum Breaking Load (MBL).

Diameter (mm)	Approx. Mass (kg/m)	Galvanised 1960 N/mm²	
		MBL (kN)	MBL (kg)
1.00	0.035	0.65	66
1.50	0.078	1.46	149
2.00	0.014	2.60	265
2.50	0.022	4.07	415
3.00	0.031	5.86	598

Diameter (mm)	Approx. Mass (kg/m)	Galvanised 1960 N/mm²	
		MBL (kN)	MBL (kg)
4.00	0.055	10.41	1062
5.00	0.086	16.27	1659
6.00	0.124	23.40	2386
8.00	0.221	41.60	4242
10.00	0.345	65.10	6638
12.00	0.497	93.70	9555
14.00	0.676	127.50	13001
16.00	0.883	166.60	16988

Disclaimer: The information provided is for guidance and reference purposes only. The Minimum Breaking Load (MBL) should never be considered a safe working load. A suitable factor of safety (FOS) must be applied by a competent person to determine the safe working load for any given application. All lifting equipment should be thoroughly inspected before each use. Deacon Products assumes no liability for the misuse or misapplication of this information or our products.