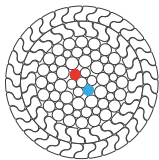


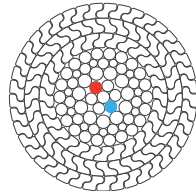
Fibre Optic Full Locked Coil

Precision engineering with integrated fibre optics

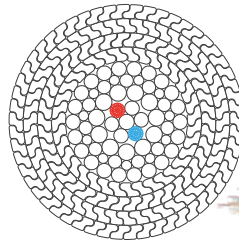
The fibre optic version of this advanced innovation combines all the benefits of the FLC track rope with integrated fibre optics.



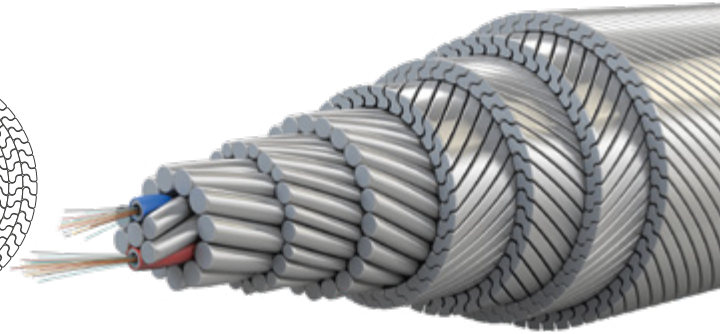
FLC 2Z-FO



FLC 3Z-FO



FLC 4Z-FO



Features

- ▶ Bespoke design available on request.
- ▶ Parallel core available on request.
- ▶ Sacrificial coating for corrosion resistance.



| Diameter | Section | Mass | Minimum breaking load | | | | | |
|----------|---------|--------|-----------------------|------|----------|------|----------|------|
| | | | 1570 MPa | | 1770 MPa | | 1960 MPa | |
| | | | Total | MBL | Total | MBL | Total | MBL |
| 30 | 593 | 4,996 | 960 | 816 | 1079 | 917 | 1129 | 960 |
| 32 | 678 | 5,739 | 1098 | 933 | 1234 | 1049 | 1294 | 1100 |
| 34 | 766 | 6,493 | 1241 | 1055 | 1394 | 1185 | 1465 | 1245 |
| 36 | 858 | 7,257 | 1389 | 1181 | 1561 | 1327 | 1643 | 1397 |
| 38 | 952 | 8,033 | 1543 | 1311 | 1733 | 1473 | 1828 | 1554 |
| 40 | 1050 | 8,820 | 1701 | 1446 | 1911 | 1625 | 2020 | 1717 |
| 42 | 1151 | 9,617 | 1865 | 1585 | 2095 | 1781 | 2218 | 1885 |
| 44 | 1256 | 10,425 | 2034 | 1729 | 2285 | 1942 | 2423 | 2060 |
| 46 | 1412 | 11,740 | 2287 | 2001 | 2569 | 2248 | 2736 | 2394 |
| 48 | 1537 | 12,764 | 2490 | 2179 | 2797 | 2448 | 2983 | 2610 |
| 50 | 1709 | 14,284 | 2769 | 2423 | 3111 | 2722 | 3270 | 2861 |
| 52 | 1842 | 15,424 | 2985 | 2612 | 3353 | 2934 | 3530 | 3089 |
| 54 | 1982 | 16,599 | 3210 | 2809 | 3607 | 3156 | 3802 | 3326 |
| 56 | 2127 | 17,808 | 3445 | 3015 | 3871 | 3387 | 4085 | 3575 |
| 58 | 2278 | 19,052 | 3690 | 3229 | 4146 | 3627 | 4381 | 3834 |
| 60 | 2435 | 20,330 | 3944 | 3451 | 4431 | 3877 | 4690 | 4103 |
| 62 | 2598 | 21,643 | 4208 | 3682 | 4728 | 4137 | 5010 | 4384 |
| 64 | 2766 | 22,991 | 4482 | 3921 | 5035 | 4406 | 5343 | 4675 |
| 66 | 3009 | 25,110 | 4875 | 4265 | 5476 | 4792 | 5753 | 5034 |
| 68 | 3188 | 26,586 | 5165 | 4519 | 5803 | 5077 | 6103 | 5340 |
| 70 | 3371 | 28,087 | 5461 | 4778 | 6135 | 5368 | 6460 | 5653 |
| 72 | 3557 | 29,611 | 5762 | 5042 | 6474 | 5665 | 6825 | 5971 |
| 74 | 3747 | 31,160 | 6070 | 5311 | 6819 | 5966 | 7196 | 6297 |

Values are indicative for guidance only

Indicative values. The tolerance value for each table is -/+ 2%.

Please note: Other diameters with other tolerances than those illustrated can be manufactured on request.

Applications



Gondola 25/35



Cable Car



Material Cable Car

Properties



Lubrication



High Breaking Resistance



Resistance to Crushing



Bending Fatigue Resistance



Corzaflex Wire Coating



Bright Wire



Galvanised Wire Coating



Rotation Resistance