



# LINE DATA

/X-ALPS5

**DE Information Leinendaten**

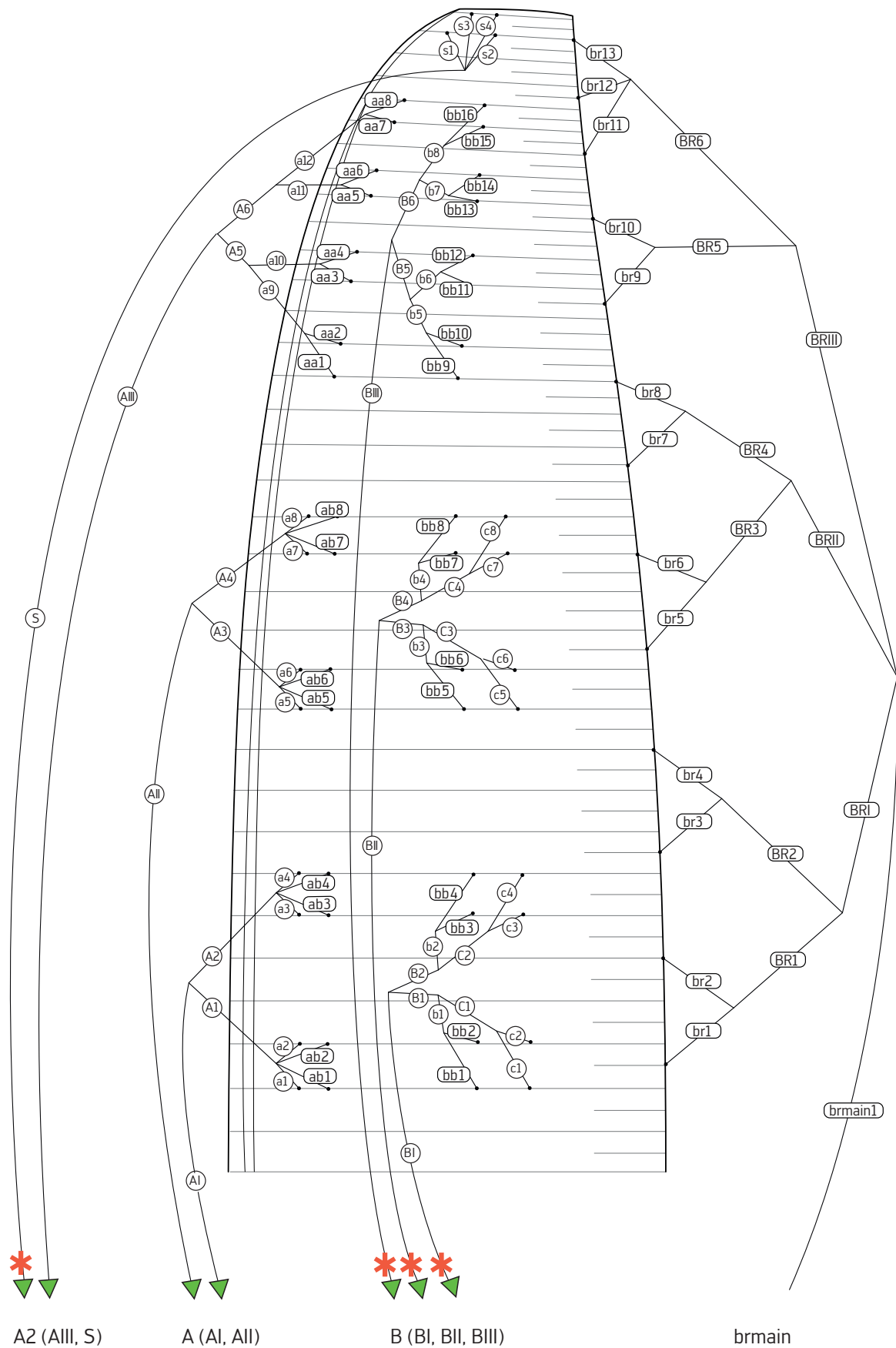
Grundsätzlich wird für Gleitschirmchecks und Leinenvermessungen empfohlen, ein von skywalk zertifiziertes Checkcenter aufzusuchen. Nur dann kann garantiert werden, dass die Überprüfung nach Herstellervorgaben erfolgt.

Da das Klima, die Belastung sowie die Handhabung einen erheblichen Einfluss auf die Alterung des Gleitschirms haben, dienen die bereitgestellten Daten als Hilfestellung, ersetzen aber keineswegs einen fachkundigen Check. Des Weiteren ist es äußerst schwierig, ohne Vorkenntnisse eine verlässliche und reproduzierbare Gleitschirmvermessung durchzuführen.

**EN Information line data**

For paraglider inspections and line measurements, it is recommended to visit a check center certified by skywalk. This is the only way to guarantee that the inspection is carried out according to the manufacturer's specifications.

Because the climate, the load, and the handling have considerable influence on the aging of the paraglider, the data provided serves as an aid, but in no way replaces an expert inspection. Furthermore, it is extremely difficult to perform a reliable and reproducible paraglider measurement without prior experience.



Loopcover



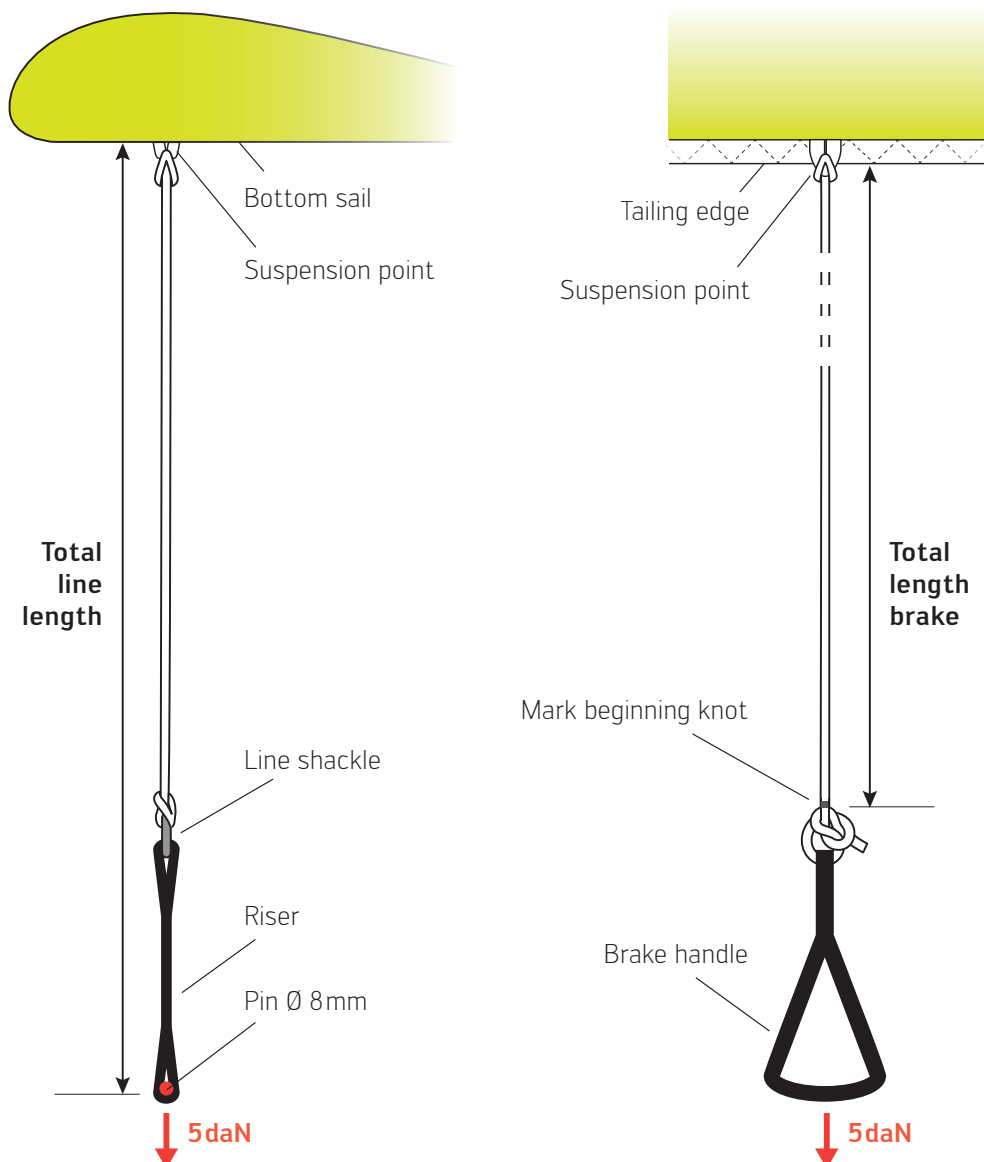
DOUBLE LOOP

## DE Anweisung Leinenvermessung Gesamtleinenlänge

- Die Vermessung der Gesamtleinenlängen erfolgt inklusive Tragegurte und bis zum Untersegel.
- Leinen werden grundsätzlich unter einer Last von 5daN gemessen.
- Bei Motortragedgurten erfolgt die Messung ohne betätigten Trimmer bzw. bei vollständig geschlossenem Trimmer, sprich alle Leinenschlösser befinden sich auf selber Höhe.
- Der Bolzendurchmesser für die Vermessung beträgt 8mm.
- Die Bremsleine wird vom Knoten am Bremsgriff bis zum Untersegel (inkl. Raffsystem) gemessen.

## EN Instructions for line measurement total line length

- The measurement of the total line lengths is done including risers and up to the lower sail.
- Lines should always be measured under a load of 5daN.
- In the case of risers for powered paragliders, the measurement is carried out without the trimmer activated or with the trimmer fully closed, i.e. all line shackles are at the same height.
- The pin diameter for the measurement is 8mm.
- The brake line is measured from the knot at the brake handle to the lower sail (incl. gathering system).



## Size 75+ (XXS)

| A   | Nom  |
|-----|------|
| a1  | 7144 |
| a2  | 7111 |
| a3  | 7066 |
| a4  | 7071 |
| a5  | 6999 |
| a6  | 6969 |
| a7  | 6927 |
| a8  | 6929 |
| aa1 | 6819 |
| aa2 | 6771 |
| aa3 | 6700 |
| aa4 | 6692 |
| aa5 | 6627 |
| aa6 | 6594 |
| aa7 | 6572 |
| aa8 | 6585 |

| AB  | Nom  |
|-----|------|
| ab1 | 7138 |
| ab2 | 7104 |
| ab3 | 7058 |
| ab4 | 7064 |
| ab5 | 6992 |
| ab6 | 6963 |
| ab7 | 6919 |
| ab8 | 6925 |

| BB   | Nom  |
|------|------|
| bb1  | 7110 |
| bb2  | 7076 |
| bb3  | 7031 |
| bb4  | 7037 |
| bb5  | 6968 |
| bb6  | 6937 |
| bb7  | 6896 |
| bb8  | 6900 |
| bb9  | 6799 |
| bb10 | 6754 |
| bb11 | 6683 |
| bb12 | 6678 |
| bb13 | 6615 |
| bb14 | 6587 |
| bb15 | 6566 |
| bb16 | 6576 |

| C  | Nom  |
|----|------|
| c1 | 7172 |
| c2 | 7139 |
| c3 | 7094 |
| c4 | 7100 |
| c5 | 7016 |
| c6 | 6985 |
| c7 | 6941 |
| c8 | 6938 |

| S  | Nom  |
|----|------|
| s1 | 6385 |
| s2 | 6391 |
| s3 | 6365 |
| s4 | 6398 |

| BRAKE | Nom  |
|-------|------|
| br1   | 7673 |
| br2   | 7368 |
| br3   | 7162 |
| br4   | 6978 |
| br5   | 6946 |
| br6   | 6757 |
| br7   | 6658 |
| br8   | 6695 |
| br9   | 6651 |
| br10  | 6523 |
| br11  | 6541 |
| br12  | 6490 |
| br13  | 6622 |

## Size 85+ (XS)

| A   | Nom  |
|-----|------|
| a1  | 7327 |
| a2  | 7293 |
| a3  | 7249 |
| a4  | 7255 |
| a5  | 7183 |
| a6  | 7151 |
| a7  | 7109 |
| a8  | 7111 |
| aa1 | 6999 |
| aa2 | 6950 |
| aa3 | 6877 |
| aa4 | 6870 |
| aa5 | 6800 |
| aa6 | 6767 |
| aa7 | 6746 |
| aa8 | 6758 |

| AB  | Nom  |
|-----|------|
| ab1 | 7321 |
| ab2 | 7286 |
| ab3 | 7241 |
| ab4 | 7247 |
| ab5 | 7175 |
| ab6 | 7145 |
| ab7 | 7100 |
| ab8 | 7107 |

| BB   | Nom  |
|------|------|
| bb1  | 7291 |
| bb2  | 7256 |
| bb3  | 7212 |
| bb4  | 7219 |
| bb5  | 7149 |
| bb6  | 7118 |
| bb7  | 7076 |
| bb8  | 7081 |
| bb9  | 6978 |
| bb10 | 6931 |
| bb11 | 6860 |
| bb12 | 6854 |
| bb13 | 6790 |
| bb14 | 6761 |
| bb15 | 6739 |
| bb16 | 6749 |

| C  | Nom  |
|----|------|
| c1 | 7356 |
| c2 | 7322 |
| c3 | 7276 |
| c4 | 7283 |
| c5 | 7199 |
| c6 | 7167 |
| c7 | 7124 |
| c8 | 7121 |

| S  | Nom  |
|----|------|
| s1 | 6554 |
| s2 | 6559 |
| s3 | 6533 |
| s4 | 6567 |

| BRAKE | Nom  |
|-------|------|
| br1   | 7884 |
| br2   | 7572 |
| br3   | 7360 |
| br4   | 7174 |
| br5   | 7140 |
| br6   | 6947 |
| br7   | 6846 |
| br8   | 6884 |
| br9   | 6840 |
| br10  | 6710 |
| br11  | 6729 |
| br12  | 6676 |
| br13  | 6812 |

## Size 95+ (S)

| A   | Nom  |
|-----|------|
| a1  | 7515 |
| a2  | 7481 |
| a3  | 7436 |
| a4  | 7442 |
| a5  | 7370 |
| a6  | 7338 |
| a7  | 7294 |
| a8  | 7296 |
| aa1 | 7183 |
| aa2 | 7133 |
| aa3 | 7057 |
| aa4 | 7050 |
| aa5 | 6979 |
| aa6 | 6945 |
| aa7 | 6923 |
| aa8 | 6936 |

| AB  | Nom  |
|-----|------|
| ab1 | 7508 |
| ab2 | 7473 |
| ab3 | 7428 |
| ab4 | 7435 |
| ab5 | 7362 |
| ab6 | 7331 |
| ab7 | 7285 |
| ab8 | 7293 |

| BB   | Nom  |
|------|------|
| bb1  | 7479 |
| bb2  | 7443 |
| bb3  | 7399 |
| bb4  | 7406 |
| bb5  | 7334 |
| bb6  | 7302 |
| bb7  | 7260 |
| bb8  | 7265 |
| bb9  | 7161 |
| bb10 | 7113 |
| bb11 | 7040 |
| bb12 | 7034 |
| bb13 | 6968 |
| bb14 | 6938 |
| bb15 | 6916 |
| bb16 | 6926 |

| C  | Nom  |
|----|------|
| c1 | 7544 |
| c2 | 7510 |
| c3 | 7464 |
| c4 | 7472 |
| c5 | 7386 |
| c6 | 7353 |
| c7 | 7309 |
| c8 | 7306 |

| S  | Nom  |
|----|------|
| s1 | 6725 |
| s2 | 6731 |
| s3 | 6703 |
| s4 | 6739 |

| BRAKE | Nom  |
|-------|------|
| br1   | 8094 |
| br2   | 7774 |
| br3   | 7557 |
| br4   | 7369 |
| br5   | 7332 |
| br6   | 7134 |
| br7   | 7032 |
| br8   | 7073 |
| br9   | 7029 |
| br10  | 6895 |
| br11  | 6916 |
| br12  | 6862 |
| br13  | 7002 |

## Size 105+ (M)

| A   | Nom  |
|-----|------|
| a1  | 7703 |
| a2  | 7668 |
| a3  | 7623 |
| a4  | 7630 |
| a5  | 7557 |
| a6  | 7524 |
| a7  | 7480 |
| a8  | 7483 |
| aa1 | 7365 |
| aa2 | 7314 |
| aa3 | 7237 |
| aa4 | 7229 |
| aa5 | 7158 |
| aa6 | 7123 |
| aa7 | 7101 |
| aa8 | 7114 |

| AB  | Nom  |
|-----|------|
| ab1 | 7696 |
| ab2 | 7660 |
| ab3 | 7615 |
| ab4 | 7622 |
| ab5 | 7549 |
| ab6 | 7518 |
| ab7 | 7471 |
| ab8 | 7479 |

| BB   | Nom  |
|------|------|
| bb1  | 7665 |
| bb2  | 7629 |
| bb3  | 7585 |
| bb4  | 7592 |
| bb5  | 7520 |
| bb6  | 7488 |
| bb7  | 7445 |
| bb8  | 7450 |
| bb9  | 7343 |
| bb10 | 7294 |
| bb11 | 7219 |
| bb12 | 7213 |
| bb13 | 7147 |
| bb14 | 7117 |
| bb15 | 7094 |
| bb16 | 7105 |

| C  | Nom  |
|----|------|
| c1 | 7733 |
| c2 | 7698 |
| c3 | 7651 |
| c4 | 7659 |
| c5 | 7573 |
| c6 | 7539 |
| c7 | 7495 |
| c8 | 7492 |

| S  | Nom  |
|----|------|
| s1 | 6898 |
| s2 | 6904 |
| s3 | 6875 |
| s4 | 6912 |

| BRAKE | Nom  |
|-------|------|
| br1   | 8305 |
| br2   | 7976 |
| br3   | 7754 |
| br4   | 7564 |
| br5   | 7525 |
| br6   | 7323 |
| br7   | 7220 |
| br8   | 7262 |
| br9   | 7220 |
| br10  | 7083 |
| br11  | 7104 |
| br12  | 7049 |
| br13  | 7193 |



**DE Anweisung Leinenvermessung Einzelleine**

- Leinen werden grundsätzlich unter einer Last von 5daN gemessen.
- Der Bolzendurchmesser für die Einzelleinenmessung beträgt 4mm.

**Leinentausch**

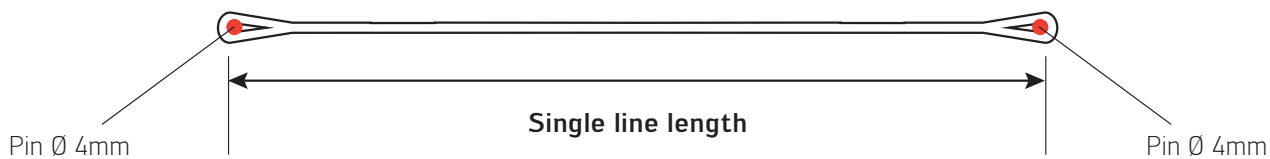
Da sich die Leinenlängen durch Alterung und äußere Einflüsse verändern können, empfehlen wir nach einem Leinentausch, den Gleitschirm zu vermessen.

**EN Instructions for line measurement singleline length**

- Lines should always measured under a load of 5daN.
- The pin diameter for the single line measurement is 4mm.

**Line replacement**

Since the line lengths can change due to aging and external influences, we recommend to measure the paraglider after a line replacement.



| Pos  | 75<br>XXS | 85<br>XS | 95<br>S | 105<br>M | Material | Colour  | Comment                                         |
|------|-----------|----------|---------|----------|----------|---------|-------------------------------------------------|
| a1   | 336       | 345      | 354     | 363      | DC60     | white   | double spliced both sides                       |
| a2   | 303       | 311      | 320     | 328      | DC60     | white   | double spliced both sides                       |
| a3   | 314       | 322      | 330     | 338      | DC60     | white   | double spliced both sides                       |
| a4   | 319       | 328      | 336     | 345      | DC60     | white   | double spliced both sides                       |
| a5   | 311       | 320      | 328     | 336      | DC60     | white   | double spliced both sides                       |
| a6   | 281       | 288      | 296     | 303      | DC60     | white   | double spliced both sides                       |
| a7   | 275       | 282      | 289     | 296      | DC60     | white   | double spliced both sides                       |
| a8   | 277       | 284      | 291     | 299      | DC60     | white   | double spliced both sides                       |
| aa1  | 317       | 325      | 334     | 342      | DC35     | white   | double spliced both sides                       |
| aa2  | 269       | 276      | 284     | 291      | DC35     | white   | double spliced both sides                       |
| aa3  | 279       | 286      | 293     | 301      | DC35     | white   | double spliced both sides                       |
| aa4  | 271       | 279      | 286     | 293      | DC35     | white   | double spliced both sides                       |
| aa5  | 321       | 321      | 322     | 323      | DC35     | white   | double spliced both sides                       |
| aa6  | 288       | 288      | 288     | 288      | DC35     | white   | double spliced both sides                       |
| aa7  | 297       | 298      | 298     | 298      | DC35     | white   | double spliced both sides                       |
| aa8  | 310       | 310      | 311     | 311      | DC35     | white   | double spliced both sides                       |
| a9   | 865       | 888      | 911     | 933      | DC60     | white   | double spliced both sides                       |
| a10  | 784       | 805      | 826     | 846      | DC60     | white   | double spliced both sides                       |
| a11  | 568       | 590      | 613     | 635      | DC60     | white   | double spliced both sides                       |
| a12  | 537       | 559      | 581     | 603      | DC60     | white   | double spliced both sides                       |
| A1   | 1954      | 2004     | 2055    | 2106     | 8001-190 | magenta | double spliced both sides                       |
| A2   | 1898      | 1949     | 2000    | 2051     | 8001-190 | magenta | double spliced both sides                       |
| A3   | 1753      | 1799     | 1845    | 1891     | 8001-190 | magenta | double spliced both sides                       |
| A4   | 1717      | 1763     | 1808    | 1854     | 8001-190 | magenta | double spliced both sides                       |
| A5   | 1410      | 1448     | 1485    | 1522     | 8001-90  | magenta | double spliced both sides                       |
| A6   | 1511      | 1551     | 1591    | 1632     | 8001-70  | magenta | double spliced both sides                       |
| AI   | 4321      | 4449     | 4577    | 4705     | 8001-340 | magenta | double spliced top/ bottom side pink loop cover |
| AII  | 4402      | 4535     | 4668    | 4801     | 8001-340 | magenta | double spliced top/ bottom side pink loop cover |
| AIII | 3691      | 3806     | 3921    | 4036     | 8001-130 | magenta | double spliced top/ bottom side pink loop cover |

| Pos  | 75<br>XXS | 85<br>XS | 95<br>S | 105<br>M | Material | Colour | Comment                                           |
|------|-----------|----------|---------|----------|----------|--------|---------------------------------------------------|
| ab1  | 330       | 339      | 347     | 356      | DC60     | white  | double spliced both sides                         |
| ab2  | 296       | 304      | 312     | 320      | DC60     | white  | double spliced both sides                         |
| ab3  | 306       | 314      | 322     | 330      | DC60     | white  | double spliced both sides                         |
| ab4  | 312       | 320      | 329     | 337      | DC60     | white  | double spliced both sides                         |
| ab5  | 304       | 312      | 320     | 328      | DC60     | white  | double spliced both sides                         |
| ab6  | 275       | 282      | 289     | 297      | DC60     | white  | double spliced both sides                         |
| ab7  | 267       | 273      | 280     | 287      | DC60     | white  | double spliced both sides                         |
| ab8  | 273       | 280      | 288     | 295      | DC60     | white  | double spliced both sides                         |
| bb1  | 320       | 328      | 337     | 345      | DC35     | white  | double spliced both sides                         |
| bb2  | 286       | 293      | 301     | 309      | DC35     | white  | double spliced both sides                         |
| bb3  | 297       | 304      | 312     | 320      | DC35     | white  | double spliced both sides                         |
| bb4  | 303       | 311      | 319     | 327      | DC35     | white  | double spliced both sides                         |
| bb5  | 296       | 303      | 311     | 319      | DC35     | white  | double spliced both sides                         |
| bb6  | 265       | 272      | 279     | 287      | DC35     | white  | double spliced both sides                         |
| bb7  | 260       | 266      | 273     | 280      | DC35     | white  | double spliced both sides                         |
| bb8  | 264       | 271      | 278     | 285      | DC35     | white  | double spliced both sides                         |
| bb9  | 312       | 321      | 329     | 337      | DC35     | white  | double spliced both sides                         |
| bb10 | 267       | 274      | 281     | 288      | DC35     | white  | double spliced both sides                         |
| bb11 | 276       | 284      | 291     | 298      | DC35     | white  | double spliced both sides                         |
| bb12 | 271       | 278      | 285     | 292      | DC35     | white  | double spliced both sides                         |
| bb13 | 318       | 319      | 320     | 320      | DC35     | white  | double spliced both sides                         |
| bb14 | 290       | 290      | 290     | 290      | DC35     | white  | double spliced both sides                         |
| bb15 | 298       | 298      | 298     | 298      | DC35     | white  | double spliced both sides                         |
| bb16 | 308       | 308      | 308     | 309      | DC35     | white  | double spliced both sides                         |
| b1   | 657       | 674      | 691     | 708      | 8001-50  | blue   | double spliced both sides                         |
| b2   | 638       | 655      | 672     | 689      | 8001-50  | blue   | double spliced both sides                         |
| b3   | 1072      | 1100     | 1128    | 1156     | 8001-50  | blue   | double spliced both sides                         |
| b4   | 998       | 1024     | 1050    | 1076     | 8001-50  | blue   | double spliced both sides                         |
| b5   | 855       | 877      | 900     | 922      | 8001-50  | blue   | double spliced both sides                         |
| b6   | 775       | 796      | 817     | 837      | 8001-50  | blue   | double spliced both sides                         |
| b7   | 562       | 585      | 607     | 630      | 8001-50  | blue   | double spliced both sides                         |
| b8   | 533       | 555      | 577     | 599      | 8001-50  | blue   | double spliced both sides                         |
| B1   | 1294      | 1327     | 1361    | 1395     | 8001-90  | blue   | double spliced both sides                         |
| B2   | 1257      | 1291     | 1325    | 1359     | 8001-90  | blue   | double spliced both sides                         |
| B3   | 680       | 698      | 715     | 733      | 8001-90  | blue   | double spliced both sides                         |
| B4   | 718       | 738      | 757     | 777      | 8001-90  | blue   | double spliced both sides                         |
| B5   | 1402      | 1439     | 1476    | 1513     | 8001-50  | blue   | double spliced both sides                         |
| B6   | 1505      | 1545     | 1585    | 1626     | 8001-50  | blue   | double spliced both sides                         |
| BI   | 4312      | 4439     | 4567    | 4694     | 8001-190 | blue   | double spliced top/ bottom side blue loop cover * |
| BII  | 4393      | 4525     | 4657    | 4789     | 8001-190 | blue   | double spliced top/ bottom side blue oop cover *  |
| BIII | 3698      | 3813     | 3928    | 4043     | 8001-90  | blue   | double spliced top/ bottom side blue loop cover * |



DOUBLE LOOP

| Pos     | 75<br>XXS | 85<br>XS | 95<br>S | 105<br>M | Material   | Colour | Comment                                             |
|---------|-----------|----------|---------|----------|------------|--------|-----------------------------------------------------|
| c1      | 329       | 338      | 346     | 355      | DC35       | white  | double spliced both sides                           |
| c2      | 296       | 304      | 312     | 320      | DC35       | white  | double spliced both sides                           |
| c3      | 306       | 313      | 321     | 329      | DC35       | white  | double spliced both sides                           |
| c4      | 312       | 320      | 329     | 337      | DC35       | white  | double spliced both sides                           |
| c5      | 300       | 308      | 316     | 324      | DC35       | white  | double spliced both sides                           |
| c6      | 269       | 276      | 283     | 290      | DC35       | white  | double spliced both sides                           |
| c7      | 267       | 274      | 281     | 288      | DC35       | white  | double spliced both sides                           |
| c8      | 264       | 271      | 278     | 285      | DC35       | white  | double spliced both sides                           |
| C1      | 709       | 728      | 746     | 765      | DC35       | white  | double spliced both sides                           |
| C2      | 691       | 709      | 727     | 745      | DC35       | white  | double spliced both sides                           |
| C3      | 1115      | 1144     | 1174    | 1203     | DC35       | white  | double spliced both sides                           |
| C4      | 1035      | 1063     | 1090    | 1117     | DC35       | white  | double spliced both sides                           |
| s1      | 575       | 591      | 606     | 622      | DC35       | white  | double spliced both sides                           |
| s2      | 581       | 596      | 612     | 628      | DC35       | white  | double spliced both sides                           |
| s3      | 555       | 570      | 584     | 599      | DC35       | white  | double spliced both sides                           |
| s4      | 588       | 604      | 620     | 636      | DC35       | white  | double spliced both sides                           |
| S       | 5271      | 5428     | 5584    | 5741     | 8001-90    | orange | double spliced top/ bottom side orange loop cover * |
| br1     | 795       | 815      | 835     | 856      | DC35       | white  |                                                     |
| br2     | 490       | 503      | 515     | 527      | DC35       | white  |                                                     |
| br3     | 794       | 813      | 832     | 851      | DC35       | white  |                                                     |
| br4     | 610       | 627      | 644     | 661      | DC35       | white  |                                                     |
| br5     | 726       | 744      | 762     | 780      | DC35       | white  |                                                     |
| br6     | 537       | 551      | 564     | 578      | DC35       | white  |                                                     |
| br7     | 528       | 542      | 555     | 569      | DC35       | white  |                                                     |
| br8     | 565       | 580      | 596     | 611      | DC35       | white  |                                                     |
| br9     | 601       | 616      | 632     | 648      | DC35       | white  |                                                     |
| br10    | 473       | 486      | 498     | 511      | DC35       | white  |                                                     |
| br11    | 399       | 410      | 420     | 430      | DC35       | white  |                                                     |
| br12    | 348       | 357      | 366     | 375      | DC35       | white  |                                                     |
| br13    | 480       | 493      | 506     | 519      | DC35       | white  |                                                     |
| BR1     | 1264      | 1297     | 1330    | 1362     | DC35       | white  | double spliced both sides                           |
| BR2     | 754       | 775      | 796     | 816      | DC35       | white  | double spliced both sides                           |
| BR3     | 937       | 962      | 986     | 1010     | DC35       | white  | double spliced both sides                           |
| BR4     | 847       | 870      | 893     | 916      | DC35       | white  | double spliced both sides                           |
| BR5     | 817       | 838      | 859     | 880      | DC35       | white  | double spliced both sides                           |
| BR6     | 909       | 933      | 958     | 982      | DC35       | white  | double spliced both sides                           |
| BRI     | 2648      | 2716     | 2784    | 2852     | 8001-50    | orange | double spliced both sides                           |
| BRII    | 2317      | 2378     | 2439    | 2500     | 8001-50    | orange | double spliced both sides                           |
| BRIII   | 2267      | 2330     | 2393    | 2457     | 8001-50    | orange | double spliced both sides                           |
| Brmain1 | 1722      | 1812     | 1901    | 1991     | 8001-130   | orange | double spliced both sides                           |
| Brmain  | 1200      | 1200     | 1200    | 1200     | DFLP200/32 | orange | add 20cm extra                                      |



DOUBLE LOOP