

## Selection Tables

A11: Applications of HITRONIC® fibre optic components – At a glance

| Cable Designation   | Application |                 |                |                      |            |              |                              |          |          |   |  |                  |
|---|-------------|-----------------|----------------|----------------------|------------|--------------|------------------------------|----------|----------|---|--|------------------|
|   | UL approved | Highly flexible | Heat resistant | Limited UV resistant | Heavy duty | Halogen free | Energy and data transmission | INTERBUS | PROFIBUS | Bidirectional data transmission systems | Unidirectional data transmission systems | SERCOS interface |
| <b>Lapp Kabel HITRONIC® fibre optic (POF) program – fibre type, part number</b> |             |                 |                |                      |            |              |                              |          |          |   |  |                  |
| HITRONIC® POF SIMPLEX PE-PUR POF 980/1000, Part No. 2185 030                    |             |                 | ●              |                      | ●          |              |                              |          |          |   | ●  |                  |
| HITRONIC® POF SIMPLEX PVC POF 980/1000, Part No. 2185 201                       | ●           |                 |                |                      |            |              |                              |          |          |   | ●  |                  |
| HITRONIC® POF SIMPLEX S PE-PUR POF 980/1000, Part No. 2185 205                  |             |                 | ●              |                      | ●          |              |                              |          |          | ●                                       | ●  |                  |
| HITRONIC® POF SIMPLEX S PA-PUR POF 980/1000, Part No. 2185 204                  |             |                 | ●              | ●                    | ●          |              |                              |          |          | ●                                       | ●  |                  |
| HITRONIC® POF SIMPLEX PE POF 980/1000, Part No. 2185 001                        |             |                 | ●              |                      | ●          |              |                              |          |          | ●                                       |  |                  |
| HITRONIC® POF SIMPLEX FD PE-PUR POF 980/1000, Part No. 2185 207                 |             | ●               | ●              |                      | ●          |              |                              |          |          | ●                                       |  |                  |
| HITRONIC® POF DUPLEX FD PE-PUR POF 980/1000, Part No. 2185 213                  | ●           | ●               |                |                      | ●          | ●            | ●                            | ●        | ●        |   |  |                  |
| HITRONIC® POF SIMPLEX 105 °C XPE POF 980/1000, Part No. 2185 202                |             | ●               | ●              |                      | ●          |              |                              |          |          | ●                                       |  |                  |
| HITRONIC® POF DUPLEX PE POF 980/1000, Part No. 2185 010                         |             |                 | ●              |                      | ●          |              | ●                            | ●        | ●        |   |  |                  |
| HITRONIC® POF DUPLEX HEAVY PE-PUR POF 980/1000, Part No. 2185 211               |             |                 | ●              | ●                    | ●          |              | ●                            | ●        | ●        | ●                                       |  |                  |
| HITRONIC® POF DUPLEX PE-PVC POF 980/1000, Part No. 2185 209                     |             |                 |                |                      |            |              | ●                            | ●        | ●        |   |  |                  |
| HITRONIC® POF DUPLEX PVC-PVC POF 980/1000, Part No. 2185 210                    |             |                 |                |                      |            |              | ●                            | ●        | ●        |   |  |                  |
| HITRONIC® POF DUPLEX PE-PUR POF 980/1000, Part No. 2185 040                     |             |                 | ●              |                      | ●          |              | ●                            | ●        | ●        | ●                                       |  |                  |
| HITRONIC® POF MULTI FIBRE PE-PVC, Part No. 3036 010                             |             |                 | ●              |                      |            |              | ●                            | ●        | ●        | ●                                       | ●  |                  |
| HITRONIC® FD P <b>DESINA®</b> 4x1.5 + 2xPOF 980/1000, Part No. 2186 001         |             |                 | ●              |                      | ●          | ●            |                              |          | ●        |   |  |                  |

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|   | UL approved | Highly flexible | Heat resistant | Limited UV resistant | Heavy duty | Halogen free | Energy and data transmission | INTERBUS | PROFIBUS | Bidirectional data transmission systems | Unidirectional data transmission systems | SERCOS interface |
| <b>Lapp Kabel HITRONIC® fibre optic (PCF) program</b> |             |                 |                |                      |            |              |                              |          |          |   |  |                  |
| HITRONIC® BUS PCF DUPLEX indoor, Part No. 2185 311    |             |                 |                |                      |            |              |                              |          | ●        | ●                                       | ●  |                  |
| HITRONIC® BUS PCF DUPLEX outdoor, Part No. 2185 302   |             |                 |                |                      |            |              |                              |          | ●        | ●                                       | ●  |                  |
| <b>Lapp Kabel HITRONIC® fibre optic (GOF) program</b> |             |                 |                |                      |            |              |                              |          |          |   |  |                  |
| HITRONIC® HQN Outdoor Cable (A-DQ(ZN)B2Y)             |             |                 |                | ●                    |            | ●            |                              |          |          |   |  |                  |
| HITRONIC® HIH Indoor Cable (J-D(ZN)H)                 |             |                 |                |                      |            | ●            |                              |          |          |   |  |                  |
| HITRONIC® HUN Universal Cable (J/A-DQ(ZN)BH)          |             |                 |                |                      |            | ●            |                              |          |          |   |  |                  |
| HITRONIC® HRH Breakout Cable (AT-V(ZN)HH)             |             |                 |                |                      |            | ●            |                              |          |          |   |  |                  |
| HITRONIC® HDH Mini-Breakout Cable (J-V(ZN)H)          |             |                 |                |                      |            | ●            |                              |          |          |   |  |                  |
| HITRONIC® FD Mobile Cable (AT-VQ(ZN)11Y)              | ●           |                 |                |                      |            |              |                              |          |          |   |  |                  |