

## Assemblies

**Duplex, LC unb. XD-LC unb. XD, UPC, 2.1mm, yellow, SM/A2**

PCRS\_LCUX\_LCUX\_A221T\_XX.X\_SS

**Properties**

- One-piece design for easy and quick termination
- Push-pull mechanism for best handling and high packing density
- Very short rigid length



| General data          |                              |
|-----------------------|------------------------------|
| Assembly family       | Duplex patch cord - LC to LC |
| Application Area      | Indoor                       |
| Fiber quantity        | 2                            |
| Polarity              | A-B / B-A straight polarity  |
| Flammability rating   | UL 94 V-0                    |
| Operation temperature | -25 °C ... 70 °C             |

| Side A / Left                        |                                 |
|--------------------------------------|---------------------------------|
| Interface                            | connectorized                   |
| Type                                 | Fiber Optic Connector           |
| Connector family                     | LC                              |
| Gender                               | Plug                            |
| Housing colour FO Connector          | Black                           |
| Clip type                            | Duplex                          |
| Clip family                          | XD                              |
| Boot colour                          | Black                           |
| Mating cycles with repeated cleaning | 1000                            |
| Mechanical Interface Standard        | IEC 61754-20, TIA 604-10-A (LC) |
| Performance class H+S                | S                               |
| Polishing                            | UPC                             |
| Insertion loss 97%                   | ≤ 0.45 dB                       |
| Insertion loss typical               | ≤ 0.2 dB                        |
| Return loss                          | ≥ 50 dB                         |

| Side B / Right   |                       |
|------------------|-----------------------|
| Interface        | connectorized         |
| Type             | Fiber Optic Connector |
| Connector family | LC                    |
| Gender           | Plug                  |

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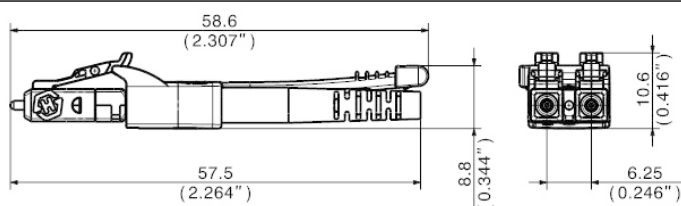
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**Fiber Optic Cables**

|                                         |                |
|-----------------------------------------|----------------|
| Cable Description                       | Riser cable    |
| Fiber quantity                          | 2              |
| Fiber type                              | E9/125A2       |
| CPR class                               | Dca-s1a,d0,a1  |
| Strain relief                           | aramide yarn   |
| Outer tube diameter                     | 2 x 0.6 mm     |
| Outer jacket diameter                   | 2.1mm          |
| Outer jacket material                   | LSFH           |
| Tensile strength during installation    | 200 N          |
| Tensile strength in service             | 100 N          |
| Min. bending radius during installation | 10 mm          |
| Min. bending radius in service          | 15 mm          |
| Crush resistance during installation    | 5000 N/dm      |
| Crush resistance in service             | 900 N/dm       |
| Fire propagation standard               | IEC 60332-1-2  |
|                                         | IEC 60332-3-25 |

**Technical drawing****Ordering Information Table**

| Item number | Item description             | Length in m |
|-------------|------------------------------|-------------|
| 85016597    | PCRS_LCUX_LCUX_A221T_01.0_SS | 1           |
| 85023034    | PCRS_LCUX_LCUX_A221T_01.5_SS | 1.5         |
| 85016599    | PCRS_LCUX_LCUX_A221T_02.0_SS | 2           |
| 85025973    | PCRS_LCUX_LCUX_A221T_02.5_SS | 2.5         |
| 85013608    | PCRS_LCUX_LCUX_A221T_03.0_SS | 3           |
| 85016600    | PCRS_LCUX_LCUX_A221T_03.0_SS | 3           |
| 85020818    | PCRS_LCUX_LCUX_A221T_03.5_SS | 3.5         |
| 85019951    | PCRS_LCUX_LCUX_A221T_04.0_SS | 4           |
| 85025974    | PCRS_LCUX_LCUX_A221T_04.5_SS | 4.5         |
| 85013609    | PCRS_LCUX_LCUX_A221T_05.0_SS | 5           |

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PCRS\_LCUX\_LCUX\_A221T\_XX.X\_SS

| Ordering Information Table |                              |     |
|----------------------------|------------------------------|-----|
| 85016601                   | PCRS_LCUX_LCUX_A221T_05.0_SS | 5   |
| 85025975                   | PCRS_LCUX_LCUX_A221T_05.5_SS | 5.5 |
| 85020819                   | PCRS_LCUX_LCUX_A221T_06.0_SS | 6   |
| 85020820                   | PCRS_LCUX_LCUX_A221T_07.0_SS | 7   |
| 85137895                   | PCRS_LCUX_LCUX_A221T_07.5_SS | 7.5 |
| 85074243                   | PCRS_LCUX_LCUX_A221T_08.0_SS | 8   |
| 85098855                   | PCRS_LCUX_LCUX_A221T_09.0_SS | 9   |
| 85016602                   | PCRS_LCUX_LCUX_A221T_10.0_SS | 10  |
| 85119362                   | PCRS_LCUX_LCUX_A221T_11.0_SS | 11  |
| 85085713                   | PCRS_LCUX_LCUX_A221T_12.0_SS | 12  |
| 85143485                   | PCRS_LCUX_LCUX_A221T_13.0_SS | 13  |
| 85143487                   | PCRS_LCUX_LCUX_A221T_14.0_SS | 14  |
| 85020821                   | PCRS_LCUX_LCUX_A221T_15.0_SS | 15  |
| 85142891                   | PCRS_LCUX_LCUX_A221T_16.0_SS | 16  |
| 85144374                   | PCRS_LCUX_LCUX_A221T_17.0_SS | 17  |
| 85098540                   | PCRS_LCUX_LCUX_A221T_18.0_SS | 18  |
| 85144375                   | PCRS_LCUX_LCUX_A221T_19.0_SS | 19  |
| 85020822                   | PCRS_LCUX_LCUX_A221T_20.0_SS | 20  |
| 85025976                   | PCRS_LCUX_LCUX_A221T_25.0_SS | 25  |
| 85025977                   | PCRS_LCUX_LCUX_A221T_30.0_SS | 30  |

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