DATA SHEET

Assemblies

# Duplex, LC unib. XD-LC unib. XD, APC, 2.1mm, yellow, SM/A2

PCRS_LCAX_LCAX_A221T_XX.X_SS

## Properties

- High mechanical stability
- Color coded boot for simplex used, allow good visibility also in mated condition



| 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 | APC |
| Insertion loss 97% | ≤ 0.45 dB |
| Insertion loss typical | ≤ 0.2 dB |
| Return loss | ≥ 65 dB |

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

Assemblies

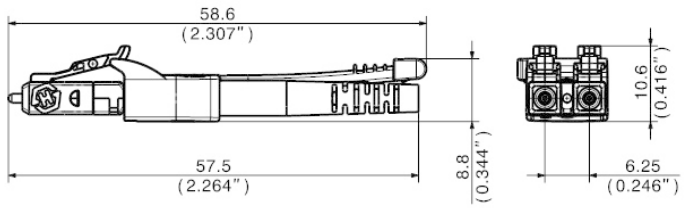
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| Fiber Optic Cables | |
|---|---|
| Cable Description | Riser cable |
| Fiber quantity | 2 |
| Fiber type | E9/125A2 |
| CPR class | Dca-s1a,d0,a1 |
| Strain relief | aramide yarn |
| Outer tube diameter | 2 x 0.6 mm |
| Outer jacket diameter | 2.1mm |
| 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 |

## Technical drawing




## Ordering Information Table

| Item number | Item description | Length in m |
|---|---|---|
| 85020987 | PCRS_LCAX_LCAX_A221T_01.0_SS | 1 |
| 85090168 | PCRS_LCAX_LCAX_A221T_01.5_SS | 1.5 |
| 85020988 | PCRS_LCAX_LCAX_A221T_02.0_SS | 2 |
| 85020989 | PCRS_LCAX_LCAX_A221T_03.0_SS | 3 |
| 85020990 | PCRS_LCAX_LCAX_A221T_03.5_SS | 3.5 |
| 85124214 | PCRS_LCAX_LCAX_A221T_04.0_SS | 4 |
| 85020991 | PCRS_LCAX_LCAX_A221T_05.0_SS | 5 |
| 85020992 | PCRS_LCAX_LCAX_A221T_06.0_SS | 6 |
| 85020993 | PCRS_LCAX_LCAX_A221T_07.0_SS | 7 |
| 85087442 | PCRS_LCAX_LCAX_A221T_08.0_SS | 8 |
| 85087443 | PCRS_LCAX_LCAX_A221T_09.0_SS | 9 |
| 85020994 | PCRS_LCAX_LCAX_A221T_10.0_SS | 10 |

Assemblies

## Duplex, LC unib. XD-LC unib. XD, APC, 2.1mm, yellow, SM/A2

PCRS_LCAX_LCAX_A221T_XX.X_SS

| Ordering Information Table | | |
|---|---|---|
| 85121187 | PCRS_LCAX_LCAX_A221T_11.0_SS | 11 |
| 85121190 | PCRS_LCAX_LCAX_A221T_12.0_SS | 12 |
| 85121192 | PCRS_LCAX_LCAX_A221T_13.0_SS | 13 |
| 85121194 | PCRS_LCAX_LCAX_A221T_14.0_SS | 14 |
| 85020995 | PCRS_LCAX_LCAX_A221T_15.0_SS | 15 |
| 85020996 | PCRS_LCAX_LCAX_A221T_20.0_SS | 20 |

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