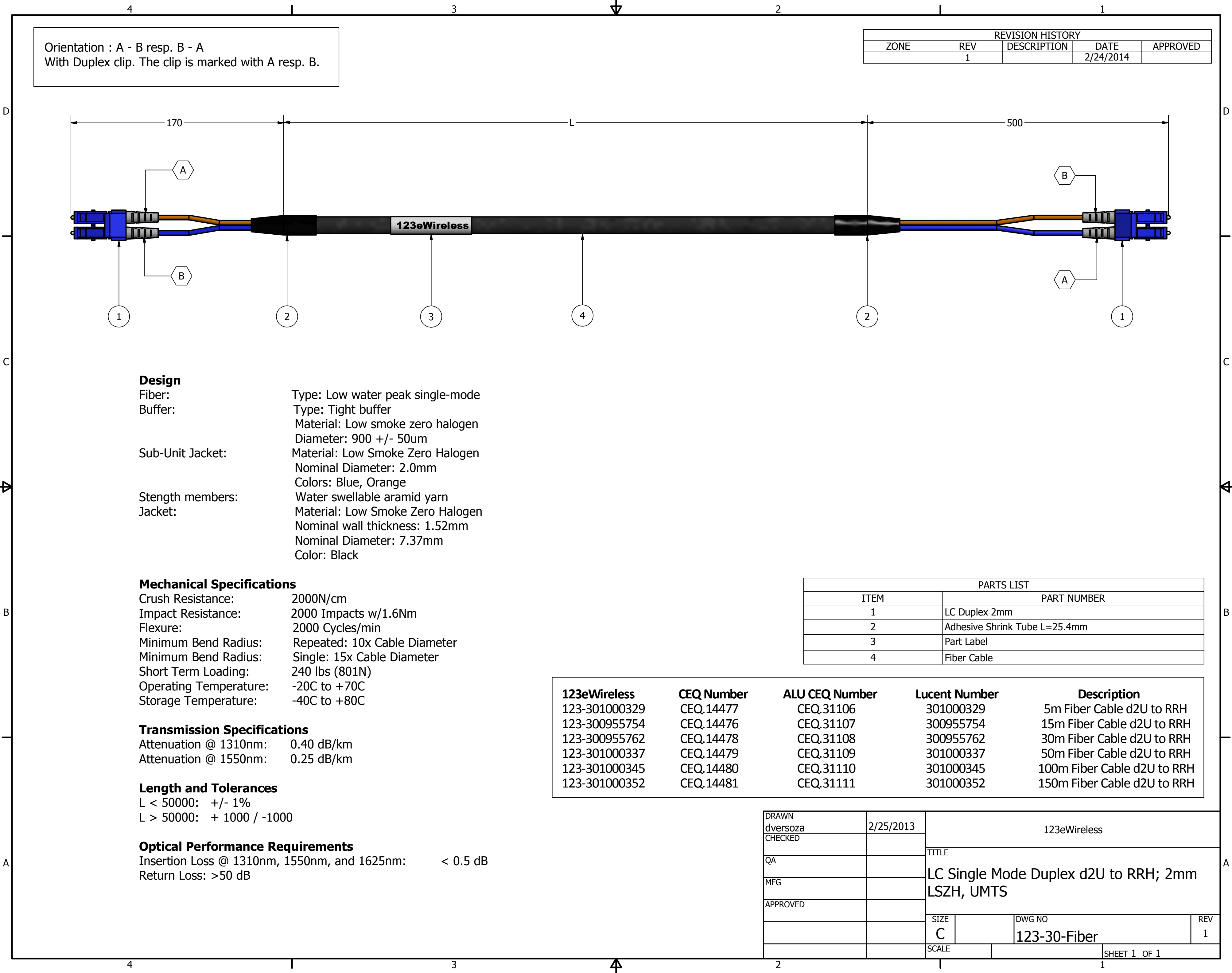




Orientation : A - B resp. B - A  
With Duplex clip. The clip is marked with A resp. B.

| REVISION HISTORY |     |             |           |          |
|------------------|-----|-------------|-----------|----------|
| ZONE             | REV | DESCRIPTION | DATE      | APPROVED |
|                  | 1   |             | 2/24/2014 |          |

Design

Fiber: Type: Low water peak single-mode  
Buffer: Type: Tight buffer  
Material: Low smoke zero halogen  
Diameter: 900 +/- 50um  
Sub-Unit Jacket: Material: Low Smoke Zero Halogen  
Nominal Diameter: 2.0mm  
Colors: Blue, Orange  
Stength members: Water swellable aramid yarn  
Jacket: Material: Low Smoke Zero Halogen  
Nominal wall thickness: 1.52mm  
Nominal Diameter: 7.37mm  
Color: Black

Mechanical Specifications

Crush Resistance: 2000N/cm  
Impact Resistance: 2000 Impacts w/1.6Nm  
Flexure: 2000 Cycles/min  
Minimum Bend Radius: Repeated: 10x Cable Diameter  
Minimum Bend Radius: Single: 15x Cable Diameter  
Short Term Loading: 240 lbs (801N)  
Operating Temperature: -20C to +70C  
Storage Temperature: -40C to +80C

Transmission Specifications

Attenuation @ 1310nm: 0.40 dB/km  
Attenuation @ 1550nm: 0.25 dB/km

Length and Tolerances

L < 50000: +/- 1%  
L > 50000: + 1000 / -1000

Optical Performance Requirements

Insertion Loss @ 1310nm, 1550nm, and 1625nm: < 0.5 dB  
Return Loss: >50 dB

| PARTS LIST |                               |
|------------|-------------------------------|
| ITEM       | PART NUMBER                   |
| 1          | LC Duplex 2mm                 |
| 2          | Adhesive Shrink Tube L=25.4mm |
| 3          | Part Label                    |
| 4          | Fiber Cable                   |

| 123eWireless  | CEQ Number | ALU CEQ Number | Lucent Number | Description                 |
|---------------|------------|----------------|---------------|-----------------------------|
| 123-301000329 | CEQ.14477  | CEQ.31106      | 301000329     | 5m Fiber Cable d2U to RRH   |
| 123-300955754 | CEQ.14476  | CEQ.31107      | 300955754     | 15m Fiber Cable d2U to RRH  |
| 123-300955762 | CEQ.14478  | CEQ.31108      | 300955762     | 30m Fiber Cable d2U to RRH  |
| 123-301000337 | CEQ.14479  | CEQ.31109      | 301000337     | 50m Fiber Cable d2U to RRH  |
| 123-301000345 | CEQ.14480  | CEQ.31110      | 301000345     | 100m Fiber Cable d2U to RRH |
| 123-301000352 | CEQ.14481  | CEQ.31111      | 301000352     | 150m Fiber Cable d2U to RRH |

|                   |           |                                       |                        |          |
|-------------------|-----------|---------------------------------------|------------------------|----------|
| DRAWN<br>dversoza | 2/25/2013 | 123eWireless                          |                        |          |
| CHECKED           |           | TITLE                                 |                        |          |
| QA                |           | LC Single Mode Duplex d2U to RRH; 2mm |                        |          |
| MFG               |           | LSZH, UMTS                            |                        |          |
| APPROVED          |           | SIZE<br>C                             | DWG NO<br>123-30-Fiber | REV<br>1 |
|                   |           | SCALE                                 | SHEET 1 OF 1           |          |