




## LEVITON FIBER CONNECTOR REFERENCE GUIDE

|                           | FASTCAM™  |                   |                   | FAST-CURE™   |          |       | FASTSPlice™   |            |               |
|---------------------------|---|-------------------|-------------------|--|----------|-------|---|------------|---------------|
|                           | <b>49991-xxx</b>  |                   |                   | <b>49990-xxx</b>   |          |       | <b>499ST, 499SC, 499LC-xxx</b>  |            |               |
| Termination Type          | Mechanical  |                   |                   | Anaerobic Adhesive   |          |       | Fusion Splice   |            |               |
| Cable Types               | OS2   | OM1               |                   | OS2  | OM1      | OM3/4 | OS2   | OM1        | OM3/4         |
| Connector Type            | SC/APC  | ST, SC, LC        |                   | ST, SC, LC   |          |       | SC/APC, LC/APC  | ST, SC, LC |               |
| Polish                    | Pre-Polished  |                   |                   | Hand Polishing Required  |          |       | Pre-Polished  |            |               |
| Insertion Loss* (typical) | ≤ 0.6 dB (0.3 dB)   | ≤ 0.5 dB (0.2 dB) | ≤ 0.5 dB (0.1 dB) | 0.2 dB   |          |       | 0.25 dB (Max)   |            | 0.25 dB (Max) |
| Return Loss               | ≤ -65 dB  | ≤ -55 dB          | ≤ -25 dB          | ≤ -55dB  | ≤ -25 dB |       | ≤ -65 dB  | ≤ -55 dB   | ≤ -35 dB      |
| Country of Origin         | Japan   | Mexico            |                   | Taiwan   |          |       | Mexico  |            |               |
| Boot Size                 | 900 μm , 2 mm, 3 mm   |                   |                   | 900 μm, 3 mm   |          |       | 900 μm  |            |               |
| LC Duplex Clips           | 49991-CLP (clear 6-pack)  |                   |                   | 49886-D** (25 pack)  |          |       | 49991-CLP (clear 6-pack)  |            |               |
| Tool Kit                  | 49800-LAK, -MSK, -SMK   |                   |                   | 49800-FTK  |          |       | 49800-SOC   |            |               |
| Common Applications       | Premise environments, rapid repair/replacement, data centers                        |                   |                   | Premise environments, anywhere adhesive-style is specified                           |          |       | Central office, MDU, Outside plant CATV and FTTx                                      |            |               |
|                           |  |                   |                   |  |          |       |  |            |               |

\* Insertion loss is influenced by cleanliness, handling and quality of splice.

\*\* = LM (LC Beige), LS (LC Blue), SC (SC Black)

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