### Connector Insertion/Return Loss Specifications

<table>
<thead>
<tr>
<th>Connector Type</th>
<th>Maximum Insertion Loss (Per Connector)</th>
<th>Minimum Return Loss (Per Connector)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SM UTPicone</td>
<td>Standard</td>
<td>Optimized</td>
</tr>
<tr>
<td>DUPLEX LC</td>
<td>0.35dB</td>
<td>0.25dB</td>
</tr>
<tr>
<td>DUPLEX SC</td>
<td>0.35dB</td>
<td>0.25dB</td>
</tr>
<tr>
<td>PUSH-PULL LC</td>
<td>0.35dB</td>
<td>0.25dB</td>
</tr>
</tbody>
</table>

- **A.** Added (R) RISER and (L) LSZH to 5th position.
- **B.** Added (T) STD IL PAIR FLIPPED & (P) OPT IL PAIR FLIPPED.
- **C.** Added (T) STD IL PAIR FLIPPED & (P) OPT IL PAIR FLIPPED.
- **D.** Added (T) STD IL PAIR FLIPPED & (P) OPT IL PAIR FLIPPED.
- **E.** Added (T) STD IL PAIR FLIPPED & (P) OPT IL PAIR FLIPPED.
- **F.** Added (T) STD IL PAIR FLIPPED & (P) OPT IL PAIR FLIPPED.

### Packaging
- **A.** Cable Assembly shipped with dust caps installed.
- **B.** Unit quantity: 1 PATCHCORD/PIGTAIL per bag.

### Technical Specifications
- **A.** Operating temperature range is from -10°C to +60°C.
- **B.** Connectors are 'Fiber' compliant.
- **C.** Cable Assemblies comply with the requirements of TIA/EIA-568-C.3 and/or IEC standards.
- **D.** All materials and components used must meet the material restrictions of RoHS (European Directive 2011/65/EC on the restriction of hazardous substances) as proposed by the RoHS Technical Adaptation Committee.

### Notes
1. **A.** Cable Assembly (with connectors):
   - See sheet G for part number matrix.
   - Cannot exceed 9m / 30ft.
   - Cannot exceed 15m / 50ft.
   - Cables cannot exceed 2 x 14m / 46ft.
   - Cables cannot exceed 3 x 14m / 46ft.
   - TIP TO TIP LENGTH IS METERED WITHOUT DUST CAPS INSTALLED.

2. **B.** Patch Cord Routing Configuration is "A" to "B".

3. **C.** The maximum cable length is not to exceed 10m / 32ft.

4. **D.** Tip to Tip Length is measured without dust caps installed.

5. **E.** This drawing shall be applicable to any length Patch Cord as designated by the Part Number, where M = Meter.

6. **F.** This Drawing shall be applicable to any length Patch Cord as designated by the Part Number, where M = Meter.