



**Manufacturer:**  
Seikoh Giken

**Product Name:**  
Seikoh Giken SFP-550 IPC OptiTap Connector Holder (24)

**Manufacturer Part Number:**  
PH55-OPT8C-24FX



Dec., 09,2021  
KTR-261

## PH55-OPT8C-24FX Polishing Test Report

### 1. Polishing Process

|   | Pad         | Film | Speed (rpm) | Pressure (N) | Ramp Up | Time(s) | Liquid    |
|---|-------------|------|-------------|--------------|---------|---------|-----------|
| 1 | PR5X-500-80 | GA5D | 110         | 60           | ON      | 20      | D.I water |
|   |             |      | 110         | 60           | OFF     | 20      |           |
| 2 |             | DR5D | 110         | 60           | OFF     | 40      |           |
| 3 |             | DJ5D | 110         | 60           | OFF     | 40      |           |
| 4 | XF5D        | 110  | 60          | OFF          | 40      |         |           |

Polishing Machine : SFP-560A2C

### 2. Polishing result

| No | Ferrule radius (mm) | Spherical fiber undercut (nm) | Apex offset (μm) |
|----|---------------------|-------------------------------|------------------|
| 1  | 10.0                | 9.4                           | 0.2              |
| 2  | 10.3                | 12.2                          | 11.9             |
| 3  | 9.4                 | 10.6                          | 27.9             |
| 4  | 10.0                | 10.2                          | 36.2             |
| 5  | 9.7                 | 12.0                          | 22.2             |
| 6  | 9.1                 | 12.9                          | 31.5             |
| 7  | 9.0                 | 13.9                          | 19.5             |
| 8  | 8.7                 | 16.4                          | 13.2             |
| 9  | 8.9                 | 12.5                          | 6.7              |
| 10 | 9.2                 | 14.6                          | 16.3             |
| 11 | 8.7                 | 15.9                          | 8.7              |
| 12 | 9.1                 | 14.1                          | 8.8              |

| No  | Ferrule radius (mm) | Spherical fiber undercut (nm) | Apex offset (μm) |
|-----|---------------------|-------------------------------|------------------|
| 13  | 8.8                 | 13.2                          | 3.2              |
| 14  | 9.4                 | 16.0                          | 6.2              |
| 15  | 9.3                 | 14.8                          | 4.4              |
| 16  | 8.9                 | 13.9                          | 7.4              |
| 17  | 9.7                 | 13.4                          | 13.7             |
| 18  | 9.5                 | 12.1                          | 7.7              |
| 19  | 9.9                 | 13.1                          | 19.9             |
| 20  | 9.9                 | 13.9                          | 15.0             |
| 21  | 9.5                 | 14.8                          | 9.2              |
| 22  | 9.1                 | 15.3                          | 8.4              |
| 23  | 9.6                 | 12.4                          | 11.6             |
| 24  | 9.8                 | 14.2                          | 15.2             |
| AVE | 9.4                 | 13.4                          | 13.5             |
| MAX | 10.3                | 16.4                          | 36.2             |
| MIN | 8.7                 | 9.4                           | 0.2              |
| STD | 0.439               | 1.802                         | 8.948            |

#### Comment

Geometry all satisfied IEC spec without deviation of inner and outer circle values



**Contact the professionals at Fiber Optic Center for a quote or to get more details.**

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