

# Quality Certificate

## Preterminated fiberoptic MM cable

| 30M SC/UPC - SC/UPC MM 50/125 OM3 Bending Insensitive 12FO Breakout LSZH |             |             |             |             |
|--|-------------|-------------|-------------|-------------|
| NO.  | Cable A     |             | Cable B     |             |
|  | Ins lss(dB) | Ret lss(dB) | Ins lss(dB) | Ret lss(dB) |
| 1  | 0.05        | 35.4        | 0.08        | 35.5        |
| 2  | 0.16        | 36.1        | 0.05        | 36.3        |
| 3  | 0.09        | 36.6        | 0.07        | 36.3        |
| 4  | 0.15        | 35.1        | 0.12        | 35.9        |
| 5  | 0.11        | 35.2        | 0.09        | 36.3        |
| 6  | 0.08        | 35.6        | 0.06        | 36.6        |
| 7  | 0.13        | 35.4        | 0.09        | 36.2        |
| 8  | 0.11        | 35.1        | 0.14        | 36.3        |
| 9  | 0.07        | 36.8        | 0.05        | 35.3        |
| 10   | 0.07        | 35.1        | 0.14        | 36.6        |
| 11   | 0.14        | 36.6        | 0.14        | 36.6        |
| 12   | 0.15        | 35.5        | 0.08        | 36.2        |
| S/N:   | 1406440029  |             |             |             |

|                                 |   |
|---------------------------------|---|
| Connector type                  | SC Multi Mode beige connector   |
| Cable type                      | Indoor/outdoor cable with black LSZH jacket                                   |
| Cable outer diameter            | 6.0mm   |
| Fiber type                      | Bending insensitive Multimode Fiber   |
| Cladding diameter               | 125+-0.7um  |
| Fiber cores                     | 12 fiber, fabrikat YOFC MaxBand OM3   |
| Fiber bend radius               | Min. 20mm   |
| Polishing Type                  | Grade A   |
| Testing Standard                | ISO/IEC 11801, IEC 60793-2-10 typeA1a.2                                       |
| Minimum hole to pull it through | 16mm  |
| Attenuation                     | <0.35db/km  |
| Insertion Loss                  | 0.3db   |
| Return Loss                     | 55db  |
| Operating temperature           | -45°C to +85°C  |
| Maximal pulling force           | 800N  |
| Applications                    | 10 Gb/s @850nm based on IEE802.3z<br>40&100 Gb/s max 100m based on IEEE802.ba |