

## DATA SHEET

### Splice on Fiber Pigtaills

#### 3 Meters, Riser & Spiral Wrap

Our ready-to-splice, fiber optic pigtail packs are factory terminated and end face inspected to meet industry standards. These pigtails are used to terminate bulk fiber cables via mechanical or fusion splicing. They allow for rapid field termination vs the more traditional puck and polish connectorization process.

#### Key Features

- ◆ 3 meters in length
- ◆ 900µm break out
- ◆ Meets or exceeds industry standards
- ◆ Available in Riser and Spiral wrap jacketing
- ◆ Can be customized to meet your requirements

#### Specifications



| Fiber Pigtail Type | Connector Type | Connector Color | Boot Color | Polish Type | Insertion Loss (min/max) | Return Loss (min/max) | Operating Temperature | Standards   |
|--------------------|----------------|-----------------|------------|-------------|--------------------------|-----------------------|-----------------------|-------------|
| Multimode (OM1)    | ST             | Metal           | Black      | PC          | ≤0.1dB / ≤0.3dB          | ≥20dB / ≥25dB         | -40°C~75°C            | TIA/EIA-568 |
| Multimode (OM2)    | ST             | Metal           | Black      | PC          | ≤0.1dB / ≤0.3dB          | ≥20dB / ≥25dB         | -40°C~75°C            | TIA/EIA-568 |
| Multimode (OM3)    | ST             | Metal           | Black      | PC          | ≤0.1dB / ≤0.3dB          | ≥20dB / ≥25dB         | -40°C~75°C            | TIA/EIA-568 |
| Multimode (OM4)    | ST             | Metal           | Black      | PC          | ≤0.1dB / ≤0.3dB          | ≥20dB / ≥25dB         | -40°C~75°C            | TIA/EIA-568 |
| Singlemode         | ST             | Metal           | Blue       | UPC         | ≤0.1dB / ≤0.3dB          | ≥50dB / ≥55dB         | -40°C~75°C            | GR326       |
| Multimode (OM1)    | SC             | Beige           | Beige      | PC          | ≤0.1dB / ≤0.3dB          | ≥20dB / ≥25dB         | -40°C~75°C            | TIA/EIA-568 |
| Multimode (OM2)    | SC             | Beige           | Beige      | PC          | ≤0.1dB / ≤0.3dB          | ≥20dB / ≥25dB         | -40°C~75°C            | TIA/EIA-568 |
| Multimode (OM3)    | SC             | Aqua            | Aqua       | PC          | ≤0.1dB / ≤0.3dB          | ≥20dB / ≥25dB         | -40°C~75°C            | TIA/EIA-568 |
| Multimode (OM4)    | SC             | Aqua            | Aqua       | PC          | ≤0.1dB / ≤0.3dB          | ≥20dB / ≥25dB         | -40°C~75°C            | TIA/EIA-568 |
| Singlemode         | SC             | Blue            | Blue       | UPC         | ≤0.1dB / ≤0.3dB          | ≥50dB / ≥55dB         | -40°C~75°C            | GR326       |
| Singlemode APC     | SC             | Green           | Green      | APC         | ≤0.1dB / ≤0.3dB          | ≥60dB / ≥65dB         | -40°C~75°C            | GR326       |
| Multimode (OM1)    | FC             | Metal           | Black      | PC          | ≤0.1dB / ≤0.3dB          | ≥20dB / ≥25dB         | -40°C~75°C            | TIA/EIA-568 |
| Multimode (OM2)    | FC             | Metal           | Black      | PC          | ≤0.1dB / ≤0.3dB          | ≥20dB / ≥25dB         | -40°C~75°C            | TIA/EIA-568 |
| Multimode (OM3)    | FC             | Metal           | Black      | PC          | ≤0.1dB / ≤0.3dB          | ≥20dB / ≥25dB         | -40°C~75°C            | TIA/EIA-568 |
| Multimode (OM4)    | FC             | Metal           | Black      | PC          | ≤0.1dB / ≤0.3dB          | ≥20dB / ≥25dB         | -40°C~75°C            | TIA/EIA-568 |
| Singlemode         | FC             | Metal           | Black      | PC          | ≤0.1dB / ≤0.3dB          | ≥50dB / ≥55dB         | -40°C~75°C            | GR326       |
| Singlemode APC     | FC             | Metal           | Green      | APC         | ≤0.1dB / ≤0.3dB          | ≥60dB / ≥65dB         | -40°C~75°C            | GR326       |
| Multimode (OM1)    | LC             | Beige           | Grey       | PC          | ≤0.1dB / ≤0.3dB          | ≥20dB / ≥25dB         | -40°C~75°C            | TIA/EIA-568 |
| Multimode (OM2)    | LC             | Beige           | Grey       | PC          | ≤0.1dB / ≤0.3dB          | ≥20dB / ≥25dB         | -40°C~75°C            | TIA/EIA-568 |
| Multimode (OM3)    | LC             | Aqua            | Aqua       | PC          | ≤0.1dB / ≤0.3dB          | ≥20dB / ≥25dB         | -40°C~75°C            | TIA/EIA-568 |
| Multimode (OM4)    | LC             | Aqua            | Aqua       | PC          | ≤0.1dB / ≤0.3dB          | ≥20dB / ≥25dB         | -40°C~75°C            | TIA/EIA-568 |
| Singlemode         | LC             | Blue            | Blue       | UPC         | ≤0.1dB / ≤0.3dB          | ≥50dB / ≥55dB         | -40°C~75°C            | GR326       |
| Singlemode APC     | LC             | Green           | Green      | APC         | ≤0.1dB / ≤0.3dB          | ≥60dB / ≥65dB         | -40°C~75°C            | GR326       |

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[www.fiberopticlink.com](http://www.fiberopticlink.com)

### Ordering Information

| Fibers | Fiber Type       | Jacket       | Connector | Polish | Part Number      |
|--------|------------------|--------------|-----------|--------|------------------|
| 6      | Singlemode – OS2 | Spiral Wrap  | SC        | UPC    | RLH-06SMSC-03M   |
| 6      | Singlemode – OS2 | Spiral Wrap  | SC/APC    | APC    | RLH-06SMSA-03M   |
| 6      | Multimode – OM1  | Spiral Wrap  | SC        | PC     | RLH-06MMSC-03M   |
| 6      | Multimode – OM2  | Spiral Wrap  | SC        | PC     | RLH-06M5SC-03M   |
| 6      | Multimode – OM3  | Spiral Wrap  | SC        | PC     | RLH-06MXSC-03M   |
| 6      | Multimode – OM4  | Spiral Wrap  | SC        | PC     | RLH-06MCSC-03M   |
| 6      | Singlemode – OS2 | Spiral Wrap  | ST        | UPC    | RLH-06SMST-03M   |
| 6      | Multimode – OM1  | Spiral Wrap  | ST        | PC     | RLH-06MMST-03M   |
| 6      | Multimode – OM2  | Spiral Wrap  | ST        | PC     | RLH-06M5ST-03M   |
| 6      | Multimode – OM3  | Spiral Wrap  | ST        | PC     | RLH-06MXST-03M   |
| 6      | Multimode – OM4  | Spiral Wrap  | ST        | PC     | RLH-06MCST-03M   |
| 12     | Singlemode – OS2 | Riser – OFNR | LC        | UPC    | RLH-12RISMLC-03M |
| 12     | Singlemode – OS2 | Riser – OFNR | LC/APC    | APC    | RLH-12RISMLA-03M |
| 12     | Multimode – OM1  | Riser – OFNR | LC        | PC     | RLH-12RIMMLC-03M |
| 12     | Multimode – OM2  | Riser – OFNR | LC        | PC     | RLH-12RIM5LC-03M |
| 12     | Multimode – OM3  | Riser – OFNR | LC        | PC     | RLH-12RIMXLC-03M |
| 12     | Multimode – OM4  | Riser – OFNR | LC        | PC     | RLH-12RIMCLC-03M |
| 12     | Singlemode – OS2 | Riser – OFNR | SC        | UPC    | RLH-12RISMSC-03M |
| 12     | Singlemode – OS2 | Riser – OFNR | SC/APC    | APC    | RLH-12RISMSA-03M |
| 12     | Multimode – OM1  | Riser – OFNR | SC        | PC     | RLH-12RIMMSC-03M |
| 12     | Multimode – OM2  | Riser – OFNR | SC        | PC     | RLH-12RIM5SC-03M |
| 12     | Multimode – OM3  | Riser – OFNR | SC        | PC     | RLH-12RIMXSC-03M |
| 12     | Multimode – OM4  | Riser – OFNR | SC        | PC     | RLH-12RIMCSC-03M |
| 12     | Singlemode – OS2 | Riser – OFNR | ST        | UPC    | RLH-12RISMST-03M |
| 12     | Multimode – OM1  | Riser – OFNR | ST        | PC     | RLH-12RIMMST-03M |
| 12     | Multimode – OM2  | Riser – OFNR | ST        | PC     | RLH-12RIM5ST-03M |
| 12     | Multimode – OM3  | Riser – OFNR | ST        | PC     | RLH-12RIMXST-03M |
| 12     | Multimode – OM4  | Riser – OFNR | ST        | PC     | RLH-12RIMCST-03M |
| 12     | Singlemode – OS2 | Spiral Wrap  | LC        | UPC    | RLH-12SMLC-03M   |
| 12     | Singlemode – OS2 | Spiral Wrap  | LC/APC    | APC    | RLH-12SMLA-03M   |
| 12     | Multimode – OM1  | Spiral Wrap  | LC        | PC     | RLH-12MMLC-03M   |
| 12     | Multimode – OM2  | Spiral Wrap  | LC        | PC     | RLH-12M5LC-03M   |

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### Ordering Information (con't)

| Fibers | Fiber Type       | Jacket      | Connector | Polish | Part Number    |
|--------|------------------|-------------|-----------|--------|----------------|
| 12     | Multimode – OM3  | Spiral Wrap | LC        | PC     | RLH-12MXLC-03M |
| 12     | Multimode – OM4  | Spiral Wrap | LC        | PC     | RLH-12MCLC-03M |
| 12     | Singlemode – OS2 | Spiral Wrap | SC        | UPC    | RLH-12SMSC-03M |
| 12     | Singlemode – OS2 | Spiral Wrap | SC/APC    | APC    | RLH-12SMSA-03M |
| 12     | Multimode – OM1  | Spiral Wrap | SC        | PC     | RLH-12MMSC-03M |
| 12     | Multimode – OM2  | Spiral Wrap | SC        | PC     | RLH-12M5SC-03M |
| 12     | Multimode – OM3  | Spiral Wrap | SC        | PC     | RLH-12MXSC-03M |
| 12     | Multimode – OM4  | Spiral Wrap | SC        | PC     | RLH-12MCSC-03M |
| 12     | Singlemode – OS2 | Spiral Wrap | ST        | UPC    | RLH-12SMST-03M |
| 12     | Multimode – OM1  | Spiral Wrap | ST        | PC     | RLH-12MMST-03M |
| 12     | Multimode – OM2  | Spiral Wrap | ST        | PC     | RLH-12M5ST-03M |
| 12     | Multimode – OM3  | Spiral Wrap | ST        | PC     | RLH-12MXST-03M |
| 12     | Multimode – OM4  | Spiral Wrap | ST        | PC     | RLH-12MCST-03M |

◆ For custom fiber pigtailed, please contact the RLH sales team

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