

TLC Duplex cables are designed for general patch cord production where consistency and uniformity are vital for fast, efficient terminations. Duplex cables are offered in several outside diameter sizes and meet all tooling and termination requirements.

**FEATURES**

- 3mm, 2mm, 1.8mm and 1.6mm OD sizes to meet all patch cord applications
- Available in custom colors

**APPLICATIONS**

- Riser
- Plenum

**FOR PART NUMBER GUIDE SEE PAGE 30**

| OFNP           |            |
|----------------|------------|
| Storage Temp   | -40/ +70°C |
| Operating Temp | 0/ +70°C   |
| OFNR           |            |
| Storage Temp   | -40/ +70°C |
| Operating Temp | -20/ +70°C |

| ALSO AVAILABLE UPON REQUEST                               |  |
|---|--|
| • LSZH Jacket   |  |
| • Optical fibers compliant with ITU-T G.657.A/B standards |  |

|           | Part Number  | Fiber Type | Cable Rating | Nominal Diameter mm | Fiber Count | Weight lbs/km | Bend Radius |
|-----------|--------------|------------|--------------|---------------------|-------------|---------------|-------------|
| 3.0mm Zip | S09DX02CZNPY | SM         | OFNP         | 2.95 x 5.8          | 2           | 40            | 10 mm       |
|           | S09DX02CZNRY | SM         | OFNR         | 2.95 x 5.8          | 2           | 34            | 10 mm       |
|           | M62DX02C3NPO | OM1        | OFNP         | 2.95 x 5.8          | 2           | 40            | 10 mm       |
|           | M62DX02C3NRO | OM1        | OFNR         | 2.95 x 5.8          | 2           | 34            | 10 mm       |
|           | M50DX02C2NPO | OM2        | OFNP         | 2.95 x 5.8          | 2           | 40            | 7.5 mm      |
|           | M50DX02C2NRO | OM2        | OFNR         | 2.95 x 5.8          | 2           | 34            | 7.5 mm      |
|           | M50DX02CGNPA | OM3        | OFNP         | 2.95 x 5.8          | 2           | 40            | 7.5 mm      |
|           | M50DX02CGNRA | OM3        | OFNR         | 2.95 x 5.8          | 2           | 34            | 7.5 mm      |
|           | M50DX02C4NPA | OM4        | OFNP         | 2.95 x 5.8          | 2           | 40            | 7.5 mm      |
|           | M50DX02C4NRA | OM4        | OFNR         | 2.95 x 5.8          | 2           | 34            | 7.5 mm      |

|           | Part Number    | Fiber Type | Cable Rating | Nominal Diameter mm | Fiber Count | Weight lbs/km | Bend Radius |
|-----------|----------------|------------|--------------|---------------------|-------------|---------------|-------------|
| 2.0mm Zip | S09DX02CZNPY20 | SM         | OFNP         | 1.95 x 4.1          | 2           | 28            | 10 mm       |
|           | S09DX02CZNRY20 | SM         | OFNR         | 1.95 x 4.1          | 2           | 26            | 10 mm       |
|           | M62DX02C3NPO20 | OM1        | OFNP         | 1.95 x 4.1          | 2           | 28            | 10 mm       |
|           | M62DX02C3NRO20 | OM1        | OFNR         | 1.95 x 4.1          | 2           | 26            | 10 mm       |
|           | M50DX02C2NPO20 | OM2        | OFNP         | 1.95 x 4.1          | 2           | 28            | 7.5 mm      |
|           | M50DX02C2NRO20 | OM2        | OFNR         | 1.95 x 4.1          | 2           | 26            | 7.5 mm      |
|           | M50DX02CGNPA20 | OM3        | OFNP         | 1.95 x 4.1          | 2           | 28            | 7.5 mm      |
|           | M50DX02CGNRA20 | OM3        | OFNR         | 1.95 x 4.1          | 2           | 26            | 7.5 mm      |
|           | M50DX02C4NPA20 | OM4        | OFNP         | 1.95 x 4.1          | 2           | 28            | 7.5 mm      |
|           | M50DX02C4NRA20 | OM4        | OFNR         | 1.95 x 4.1          | 2           | 26            | 7.5 mm      |

|           | Part Number    | Fiber Type | Cable Rating | Nominal Diameter mm | Fiber Count | Weight lbs/km | Bend Radius |
|-----------|----------------|------------|--------------|---------------------|-------------|---------------|-------------|
| 1.8mm Zip | S09DX02CZNPY18 | SM         | OFNP         | 1.80 x 3.6          | 2           | 20            | 10 mm       |
|           | S09DX02CZNRY18 | SM         | OFNR         | 1.80 x 3.6          | 2           | 18            | 10 mm       |
|           | M62DX02C3NPO18 | OM1        | OFNP         | 1.80 x 3.6          | 2           | 20            | 10 mm       |
|           | M62DX02C3NRO18 | OM1        | OFNR         | 1.80 x 3.6          | 2           | 18            | 10 mm       |
|           | M50DX02C2NPO18 | OM2        | OFNP         | 1.80 x 3.6          | 2           | 20            | 7.5 mm      |
|           | M50DX02C2NRO18 | OM2        | OFNR         | 1.80 x 3.6          | 2           | 18            | 7.5 mm      |
|           | M50DX02CGNPA18 | OM3        | OFNP         | 1.80 x 3.6          | 2           | 20            | 7.5 mm      |
|           | M50DX02CGNRA18 | OM3        | OFNR         | 1.80 x 3.6          | 2           | 18            | 7.5 mm      |
|           | M50DX02C4NPA18 | OM4        | OFNP         | 1.80 x 3.6          | 2           | 20            | 7.5 mm      |
|           | M50DX02C4NRA18 | OM4        | OFNR         | 1.80 x 3.6          | 2           | 18            | 7.5 mm      |



|           | Part Number    | Fiber Type | Cable Rating | Nominal Diameter mm | Fiber Count | Weight lbs/km | Bend Radius |
|-----------|----------------|------------|--------------|---------------------|-------------|---------------|-------------|
| 1.6mm Zip | S09DX02CZNPY16 | SM         | OFNP         | 1.60 x 3.2          | 2           | 14            | 10 mm       |
|           | S09DX02CZNRY16 | SM         | OFNR         | 1.60 x 3.2          | 2           | 12            | 10 mm       |
|           | M62DX02C3NPO16 | OM1        | OFNP         | 1.60 x 3.2          | 2           | 14            | 10 mm       |
|           | M62DX02C3NRO16 | OM1        | OFNR         | 1.60 x 3.2          | 2           | 12            | 10 mm       |
|           | M50DX02C2NPO16 | OM2        | OFNP         | 1.60 x 3.2          | 2           | 14            | 7.5 mm      |
|           | M50DX02C2NRO16 | OM2        | OFNR         | 1.60 x 3.2          | 2           | 12            | 7.5 mm      |
|           | M50DX02CGNPA16 | OM3        | OFNP         | 1.60 x 3.2          | 2           | 14            | 7.5 mm      |
|           | M50DX02CGNRA16 | OM3        | OFNR         | 1.60 x 3.2          | 2           | 12            | 7.5 mm      |
|           | M50DX02C4NPA16 | OM4        | OFNP         | 1.60 x 3.2          | 2           | 14            | 7.5 mm      |
|           | M50DX02C4NRA16 | OM4        | OFNR         | 1.60 x 3.2          | 2           | 12            | 7.5 mm      |

|             | Part Number  | Fiber Type | Cable Rating | Nominal Diameter mm | Fiber Count | Weight lbs/km | Bend Radius |
|-------------|--------------|------------|--------------|---------------------|-------------|---------------|-------------|
| 3.0mm Round | S09RX02CZNPY | SM         | OFNP         | 2.85                | 2           | 18            | 10 mm       |
|             | S09RX02CZNRY | SM         | OFNR         | 2.85                | 2           | 17            | 10 mm       |
|             | M62RX02C3NPO | OM1        | OFNP         | 2.85                | 2           | 18            | 10 mm       |
|             | M62RX02C3NRO | OM1        | OFNR         | 2.85                | 2           | 17            | 10 mm       |
|             | M50RX02C2NPO | OM2        | OFNP         | 2.85                | 2           | 18            | 7.5 mm      |
|             | M50RX02C2NRO | OM2        | OFNR         | 2.85                | 2           | 17            | 7.5 mm      |
|             | M50RX02CGNPA | OM3        | OFNP         | 2.85                | 2           | 18            | 7.5 mm      |
|             | M50RX02CGNRA | OM3        | OFNR         | 2.85                | 2           | 17            | 7.5 mm      |
|             | M50RX02C4NPA | OM4        | OFNP         | 2.85                | 2           | 18            | 7.5 mm      |
|             | M50RX02C4NRA | OM4        | OFNR         | 2.85                | 2           | 17            | 7.5 mm      |

