

In comparison to the Micro-distribution cables with 3mm subunits (previous page), the TLC Micro-distribution with 2mm subs offers even more space saving constructions. The smaller subunit (2mm) design allows for up to a 30% smaller footprint. Available with up to 12 subunits containing 12 color coded bare fibers, TLC now offers 144 fiber products for all data center applications. Micro-distribution with 2mm subunits is offered in OFNP constructions only.

FEATURES

- Ultra space saving designs
- 250um color coded bare fiber
- 12 bare fibers per subunit up to 144 fiber constructions
- Available in all fiber types
- Meets the application requirement of National Electric Code (NEC) Article 770 and are OFNP rated

APPLICATIONS

- Data Centers
- Plenum spaces

FOR PART NUMBER GUIDE SEE PAGE 30

SINGLEMODE OS2 (ITU-T G.657.A1)

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

| | |
|---|--|
| ALSO AVAILABLE UPON REQUEST | |
| • 50/125 MULTIMODE OM4+ | |
| • Optical fibers compliant with ITU-T G.657.A/B standards | |

| | Part Number | Cable Rating | Nominal Diameter mm | Fiber Count | Weight lbs/km | Bend Radius (Install/Operate cm) |
|---------------|-------------------|--------------|---------------------|-------------|---------------|----------------------------------|
| Plenum | S09MD12CZNPY20 | OFNP | 2.0 | 12 | 12.5 | 4.0/2.0 |
| | S09MD24CZNPY20-Y | OFNP | 6.3 | 24 | 87.5 | 12.6/6.3 |
| | S09MD36CZNPY20-Y | OFNP | 6.3 | 36 | 87.5 | 12.6/6.3 |
| | S09MD48CZNPY20-Y | OFNP | 6.6 | 48 | 100 | 13.2/6.6 |
| | S09MD72CZNPY20-Y | OFNP | 8.0 | 72 | 150 | 16.0/8.0 |
| | S09MD96CZNPY20-Y | OFNP | 9.3 | 96 | 200 | 18.6/9.3 |
| | S09MD144CZNPY20-Y | OFNP | 10.6 | 144 | 250 | 21.2/10.6 |

62.5/125 MULTIMODE OM1

| | Part Number | Cable Rating | Nominal Diameter mm | Fiber Count | Weight lbs/km | Bend Radius (Install/Operate cm) |
|---------------|-------------------|--------------|---------------------|-------------|---------------|----------------------------------|
| Plenum | M62MD12C3NPO20 | OFNP | 2.0 | 12 | 12.5 | 4.0/2.0 |
| | M62MD24C3NPO20-O | OFNP | 6.3 | 24 | 87.5 | 12.6/6.3 |
| | M62MD36C3NPO20-O | OFNP | 6.3 | 36 | 87.5 | 12.6/6.3 |
| | M62MD48C3NPO20-O | OFNP | 6.6 | 48 | 100 | 13.2/6.6 |
| | M62MD72C3NPO20-O | OFNP | 8.0 | 72 | 150 | 16.0/8.0 |
| | M62MD96C3NPO20-O | OFNP | 9.3 | 96 | 200 | 18.6/9.3 |
| | M62MD144C3NPO20-O | OFNP | 10.6 | 144 | 250 | 21.2/10.6 |



50/125 MULTIMODE OM3

| | Part Number | Cable Rating | Nominal Diameter mm | Fiber Count | Weight lbs/km | Bend Radius (Install/Operate cm) |
|--------|-------------------|--------------|---------------------|-------------|---------------|----------------------------------|
| Plenum | M50MD02CGNPA20 | OFNP | 2.0 | 2 | 11 | 4.0/2.0 |
| | M50MD12CGNPA20 | OFNP | 2.0 | 12 | 12.5 | 4.0/2.0 |
| | M50MD24CGNPA20-A | OFNP | 6.3 | 24 | 87.5 | 12.6/6.3 |
| | M50MD36CGNPA20-A | OFNP | 6.3 | 36 | 87.5 | 12.6/6.3 |
| | M50MD48CGNPA20-A | OFNP | 6.6 | 48 | 100 | 13.2/6.6 |
| | M50MD72CGNPA20-A | OFNP | 8.0 | 72 | 150 | 16.0/8.0 |
| | M50MD96CGNPA20-A | OFNP | 9.3 | 96 | 200 | 18.6/9.3 |
| | M50MD144CGNPA20-A | OFNP | 10.6 | 144 | 250 | 21.2/10.6 |

50/125 MULTIMODE OM4

| | Part Number | Cable Rating | Nominal Diameter mm | Fiber Count | Weight lbs/km | Bend Radius (Install/Operate cm) |
|--------|-------------------|--------------|---------------------|-------------|---------------|----------------------------------|
| Plenum | M50MD02C4NPA20 | OFNP | 2.0 | 2 | 11 | 4.0/2.0 |
| | M50MD12C4NPA20 | OFNP | 2.0 | 12 | 12.5 | 4.0/2.0 |
| | M50MD24C4NPA20-A | OFNP | 6.3 | 24 | 87.5 | 12.6/6.3 |
| | M50MD36C4NPA20-A | OFNP | 6.3 | 36 | 87.5 | 12.6/6.3 |
| | M50MD48C4NPA20-A | OFNP | 6.6 | 48 | 100 | 13.2/6.6 |
| | M50MD72C4NPA20-A | OFNP | 8.0 | 72 | 150 | 16.0/8.0 |
| | M50MD96C4NPA20-A | OFNP | 9.3 | 96 | 200 | 18.6/9.3 |
| | M50MD144C4NPA20-A | OFNP | 10.6 | 144 | 250 | 21.2/10.6 |

