

TLC Micro-Distribution cable combines high fiber counts with a compact, space saving design. 2 to 12 colored fibers with aramid yarn are positioned in a 3 mm jacket. 8 tubes of 12 fibers are combined to make cables up to 96 fibers. Each subunit is numbered for ease of installation with OFNR & OFNP rated construction available. TLC's Fanout Kits are a perfect match with Micro-Distribution.

FEATURES

- 250µm colored bare fibers
- Small O.D. for tight spaces
- UL1666(Riser) and NFPA262(Plenum)
- Available in all fiber types
- Meets the application requirement of National Electric Code (NEC) Article 770

APPLICATIONS

- Riser
- Plenum

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

ALSO AVAILABLE UPON REQUEST	
• 62.5/125 MULTIMODE OM1	
• 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)
RISER	S09MD02CZNR	OFNR	2.95	2	18	4.7/2.95
	S09MD06CZNR	OFNR	2.95	6	19	4.7/2.95
	S09MD12CZNR	OFNR	2.95	12	20	4.7/2.95
	S09MD24CZNR-Y	OFNR	8.20	24	91	12.3/8.2
	S09MD36CZNR3T-Y	OFNR	8.25	36	110	12.35/8.25
	S09MD48CZNR4T-Y	OFNR	8.60	48	157	12.9/8.6
	S09MD72CZNR6T-Y	OFNR	10.50	72	215	15.75/10.5
	S09MD96CZNR-Y	OFNR	13.0	96	295	19.5/13.0
PLENUM	S09MD02CZNP	OFNP	2.95	2	21	4.7/2.95
	S09MD06CZNP	OFNP	2.95	6	22	4.7/2.95
	S09MD12CZNP	OFNP	2.95	12	23	4.7/2.95
	S09MD24CZNP-Y-TW	OFNP	8.20	24	105	12.3/8.2
	S09MD36CZNP3T-Y	OFNP	8.25	36	130	12.35/8.25
	S09MD48CZNP4T-Y	OFNP	8.60	48	170	12.9/8.6
	S09MD72CZNP6T-Y	OFNP	10.50	72	252	15.75/10.5
	S09MD96CZNP-Y	OFNP	13.0	96	334	19.5/13.0

50/125 MULTIMODE OM2

	Part Number	Cable Rating	Nominal Diameter mm	Fiber Count	Weight lbs/km	Bend Radius (Install/Operate cm)
RISER	M50MD02C2NRO	OFNR	2.95	2	18	4.7/2.95
	M50MD06C2NRO	OFNR	2.95	6	19	4.7/2.95
	M50MD12C2NRO	OFNR	2.95	12	20	4.7/2.95
	M50MD24C2NRO-O	OFNR	8.20	24	91	12.3/8.2
	M50MD36C2NRO3T-O	OFNR	8.25	36	110	12.35/8.25
	M50MD48C2NRO4T-O	OFNR	8.60	48	157	12.9/8.6
	M50MD72C2NRO6T-O	OFNR	10.50	72	215	15.75/10.5
	M50MD96C2NRO-O	OFNR	13.0	96	295	19.5/13.0
PLENUM	M50MD02C2NPO	OFNP	2.95	2	21	4.7/2.95
	M50MD06C2NPO	OFNP	2.95	6	22	4.7/2.95
	M50MD12C2NPO	OFNP	2.95	12	23	4.7/2.95
	M50MD24C2NPO-O-TW	OFNP	8.20	24	105	12.3/8.2
	M50MD36C2NPO3T-O	OFNP	8.25	36	130	12.35/8.25
	M50MD48C2NPO4T-O	OFNP	8.60	48	170	12.9/8.6
	M50MD72C2NPO6T-O	OFNP	10.50	72	252	15.75/10.5
	M50MD96C2NPO-O	OFNP	13.0	96	334	19.5/13.0



50/125 MULTIMODE OM3

	Part Number	Cable Rating	Nominal Diameter mm	Fiber Count	Weight lbs/km	Bend Radius (Install/Operate cm)
RISER	M50MD02CGNRA	OFNR	2.95	2	18	4.7/2.95
	M50MD06CGNRA	OFNR	2.95	6	19	4.7/2.95
	M50MD12CGNRA	OFNR	2.95	12	20	4.7/2.95
	M50MD24CGNRA-A	OFNR	8.20	24	91	12.3/8.2
	M50MD36CGNRA3T-A	OFNR	8.25	36	110	12.35/8.25
	M50MD48CGNRA4T-A	OFNR	8.60	48	157	12.9/8.6
	M50MD72CGNRA6T-A	OFNR	10.50	72	215	15.75/10.5
	M50MD96CGNRA-A	OFNR	13.0	96	295	19.5/13.0
PLENUM	M50MD02CGNPA	OFNP	2.95	2	21	4.7/2.95
	M50MD06CGNPA	OFNP	2.95	6	22	4.7/2.95
	M50MD12CGNPA	OFNP	2.95	12	23	4.7/2.95
	M50MD24CGNPA-A-TW	OFNP	8.20	24	105	12.3/8.2
	M50MD36CGNPA3T-A	OFNP	8.25	36	130	12.35/8.25
	M50MD48CGNPA4T-A	OFNP	8.60	48	170	12.9/8.6
	M50MD72CGNPA6T-A	OFNP	10.50	72	252	15.75/10.5
	M50MD96CGNPA-A	OFNP	13.0	96	334	19.5/13.0

50/125 MULTIMODE OM4

	Part Number	Cable Rating	Nominal Diameter mm	Fiber Count	Weight lbs/km	Bend Radius (Install/Operate cm)
RISER	M50MD02C4NRA	OFNR	2.95	2	18	4.7/2.95
	M50MD06C4NRA	OFNR	2.95	6	19	4.7/2.95
	M50MD12C4NRA	OFNR	2.95	12	20	4.7/2.95
	M50MD24C4NRA-A	OFNR	8.20	24	91	12.3/8.2
	M50MD36C4NRA3T-A	OFNR	8.25	36	110	12.35/8.25
	M50MD48C4NRA4T-A	OFNR	8.60	48	157	12.9/8.6
	M50MD72C4NRA6T-A	OFNR	10.50	72	215	15.75/10.5
	M50MD96C4NRA-A	OFNR	13.0	96	295	19.5/13.0
PLENUM	M50MD02C4NPA	OFNP	2.95	2	21	4.7/2.95
	M50MD06C4NPA	OFNP	2.95	6	22	4.7/2.95
	M50MD12C4NPA	OFNP	2.95	12	23	4.7/2.95
	M50MD24C4NPA-A-TW	OFNP	8.20	24	105	12.3/8.2
	M50MD36C4NPA3T-A	OFNP	8.25	36	130	12.35/8.25
	M50MD48C4NPA4T-A	OFNP	8.60	48	170	12.9/8.6
	M50MD72C4NPA6T-A	OFNP	10.50	72	252	15.75/10.5
	M50MD96C4NPA-A	OFNP	13.0	96	334	19.5/13.0

