



Draka USA
Member of the Draka Holding Group

INDOOR/OUTDOOR FIBER OPTIC CABLE

tray rated / loose tube construction
2 to 144 fibers / singlemode or multimode / OFN/OFNR



APPLICATIONS

These multiple fiber loose tube cables are designed for high-speed interbuilding and intrabuilding communication systems. They are outdoor-tough yet riser rated which eliminates the need for termination at the point of ingress; they can run directly by riser or tray to the telecommunications room. Loose tube design offers optimum fiber performance. Dry blocked core halts moisture migration.

Single jacket, double jacket and armored constructions are available.

All indoor/outdoor cables are Gigabit Ethernet IEEE 802.3z compliant. MaxCap multimode fiber for 10 Gb networks is available.

FEATURES

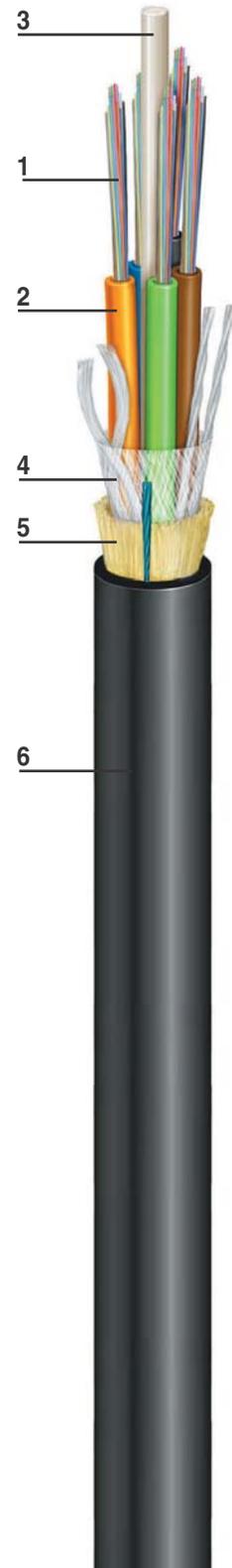
- RISER AND TRAY RATED YET CAN BE USED OUTDOORS
- 62.5 AND 50µm MULTIMODE AVAILABLE
- LOOSE TUBE CONSTRUCTION FOR LOWEST ATTENUATION
- MEETS ALL STANDARDS FOR TRAY/RISER INSTALLATION

CONSTRUCTION

- 1. FIBER**
Multimode or singlemode fibers with an acrylate coating for mechanical protection colored per TIA/EIA 598.
- 2. BUFFER TUBES**
Polymeric insulation filled with a moisture-resistant material to prevent water penetration. Fillers (when needed) are dielectric material.
- 3. CENTRAL STRENGTH MEMBER**
Dielectric material (epoxy/fiberglass rod).
- 4. DRY BLOCK TAPE**
Swellable tape wrapped around the cable core to prevent water penetration.
- 5. STRENGTH MEMBER**
Aramid yarn.
- 6. JACKET**
PVC.

RATINGS

OFNR/OFN, CSA FT-4 riser



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Part Number	INSTALLATION		OPERATING		Vertical Rise feet • meters	Cable O.D. inches • mm	Approximate Cable Weight Lb/mft • Kg/km
	Pull Strength Lb • Newtons	Bend Radius inches • cm	Tension Lb • Newtons	Bend Radius inches • cm			
DRLTB2-02R-XXY	600 • 2700	7.8 • 19.8	200 • 890	3.9 • 9.9	2623 • 799	0.390 • 9.91	61 • 91
DRLTB4-04-XXY	600 • 2700	7.8 • 19.8	200 • 890	3.9 • 9.9	2623 • 799	0.390 • 9.91	61 • 91
DRLTB6-06-XXY	600 • 2700	7.8 • 19.8	200 • 890	3.9 • 9.9	2623 • 799	0.390 • 9.91	61 • 91
DRLTB4-08-XXY	600 • 2700	7.8 • 19.8	200 • 890	3.9 • 9.9	2623 • 799	0.390 • 9.91	61 • 91
DRLTB4-10-XXY	600 • 2700	7.8 • 19.8	200 • 890	3.9 • 9.9	2623 • 799	0.390 • 9.91	61 • 91
DRLTB6-12-XXY	600 • 2700	7.8 • 19.8	200 • 890	3.9 • 9.9	2623 • 799	0.390 • 9.91	61 • 91
DRLTB4-16-XXY	600 • 2700	7.8 • 19.8	200 • 890	3.9 • 9.9	2623 • 799	0.390 • 9.91	61 • 91
DRLTB6-24-XXY	600 • 2700	7.8 • 19.8	200 • 890	3.9 • 9.9	2623 • 799	0.390 • 9.91	61 • 91
DRLTB6-30-XXY	600 • 2700	7.8 • 19.8	200 • 890	3.9 • 9.9	2623 • 799	0.390 • 9.91	61 • 91
DRLTB6-36-XXY	600 • 2700	7.8 • 19.8	200 • 890	3.9 • 9.9	2623 • 799	0.390 • 9.91	61 • 91
DRLTB12-48-XXY	600 • 2700	9.0 • 22.9	200 • 890	4.5 • 11.5	2000 • 610	0.451 • 11.46	80 • 119
DRLTB12-60-XXY	600 • 2700	9.0 • 22.9	200 • 890	4.5 • 11.5	2000 • 610	0.451 • 11.46	80 • 119
DRLTB12-72-XXY	600 • 2700	9.0 • 22.9	200 • 890	4.5 • 11.5	2000 • 610	0.451 • 11.46	80 • 119
DRLTB12-84-XXY	600 • 2700	9.6 • 24.4	200 • 890	4.8 • 12.2	1758 • 536	0.481 • 12.22	91 • 135
DRLTB12-96-XXY	600 • 2700	10.3 • 26.1	200 • 890	5.1 • 13.0	1553 • 473	0.513 • 13.03	103 • 153
DRLTB12-108-XXY	600 • 2700	10.9 • 27.6	200 • 890	5.4 • 13.8	1368 • 417	0.544 • 13.82	117 • 174
DRLTB12-120-XXY	600 • 2700	11.5 • 29.3	200 • 890	5.8 • 14.6	1203 • 367	0.576 • 14.63	133 • 198
DRLTB12-132-XXY	600 • 2700	12.4 • 31.4	200 • 890	6.2 • 15.7	1039 • 317	0.619 • 15.75	154 • 229
DRLTB12-144-XXY	600 • 2700	12.9 • 32.8	200 • 890	6.5 • 16.4	936 • 285	0.646 • 16.41	171 • 254

Information is subject to change without notice. Consult factory for a variety of alternate constructions for specific applications.

FIBER PERFORMANCE

Replace XXY with your fiber requirements:

Multimode Designation	Min. Bandwidth	Max. Attenuation
50GbE (MaxCap™)	850nm/1300nm	850nm/1300nm
50E1 (HiCap™)	1500/500	3.50/1.50
50H	500/500	3.50/1.00
62X	500/500	3.50/1.50
62E1	200/500	3.50/1.00
	300/600	3.50/1.00*

* Mode conditioning patch cords not required

Single Mode Designation	Max. Attenuation
010X	1310nm/1550nm
010B8	0.40/0.30
	0.35/0.25

ENVIRONMENTAL SPECIFICATIONS

Description	FOTP	Requirements
Operating Temp	EIA-455-3	-40°C to 80°C
Storage Temp	EIA-455-3	-40°C to 80°C
Installation Temp	- - -	-10°C to 80°C

MECHANICAL SPECIFICATIONS

Per Telcordia GR-20