



Draka USA
Member of the Draka Holding Group

824TB INDOOR CABLE

Breakout For Plenum Installation
OFNP / OFN FT6

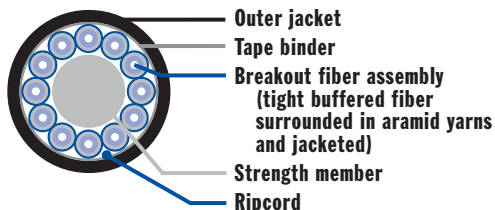
Individual tight buffered fibers in a breakout design of up to 36 fibers

Part Number	Diameter mm • inches	Weight kg/km • lbs/kft	Installation		Operating		Vertical Rise m • ft	Meets these Performance Standards
			Pull Strength Newtons • lbs	Bend Radius cm • inches	Tension Newtons • lbs	Bend Radius cm • inches		
824TB-02R-XXY	5.89 • 0.232	36 • 24	1200 • 270	11.8 • 4.6	500 • 113	8.8 • 3.5	1148 • 3767	IEEE 802.3 1000 Base SX/LX (1000 Mb/s) 100 Base F (100 Mb/s) 10 Base F (10 Mb/s) ATM 155 Mb/s 622 Mb/s 1.2/2.4 Gb/s TIA 492AAAC 10 GbE Fibre Channel FC-PH (1062 Mb/s) IEEE 802.5 (16 Mb/s) FDDI (100 Mb/s) ICEA 83-596 TIA/EIA-568B UL 910 / CSA FT 6 Meets or exceeds Telcordia GR 409 CORE mechanical and environ- mental requirements
824TB-04-XXY	6.93 • 0.273	45 • 30	2000 • 450	13.9 • 5.4	1110 • 250	10.4 • 4.1	2032 • 6667	
824TB-06-XXY	8.38 • 0.330	65 • 44	2700 • 600	16.8 • 6.6	1110 • 250	12.6 • 5.0	1385 • 4545	
824TB-08-XXY	9.96 • 0.392	97 • 65	2700 • 600	20.0 • 7.8	1110 • 250	14.9 • 5.9	938 • 3077	
824TB-10-XXY	11.68 • 0.460	138 • 93	3000 • 675	23.4 • 9.2	1200 • 270	17.5 • 6.9	708 • 2323	
824TB-12-XXY	13.28 • 0.523	186 • 125	3500 • 788	26.6 • 10.5	1200 • 270	19.9 • 7.8	527 • 1728	
824TB-16-XXY	13.34 • 0.525	153 • 103	4100 • 900	26.7 • 10.5	1500 • 338	20.0 • 7.9	800 • 2625	
824TB-18-XXY	13.34 • 0.525	150 • 101	4500 • 1013	26.7 • 10.5	1800 • 405	20.0 • 7.9	978 • 3208	
824TB-24-XXY	15.75 • 0.620	216 • 145	5520 • 1240	31.5 • 12.4	2000 • 450	23.6 • 9.3	757 • 2483	
824TB-30-XXY	17.14 • 0.675	228 • 153	6144 • 1380	34.3 • 13.5	2000 • 450	25.7 • 10.1	717 • 2353	
824TB-36-XXY	18.16 • 0.715	274 • 184	7390 • 1660	36.3 • 14.3	2000 • 450	27.2 • 10.7	596 • 1957	

824TB fibers have an easily-strippable 900 μm coating for ease of handling.

Individually jacketed fibers are rugged and easy to handle.

Plenum rated for fire safety.



Operating Temp
-20°C to 80°C
(FOTP EIA-455-3)

Storage Temp
-40°C to 80°C
(FOTP EIA-455-3)

Installation Temp
0°C to 50°C

Applications:
Backbone, Horizontal,
Intrabuilding

Installation:
Plenum

Gigabit Ethernet
IEEE 802.3z compliant

Fiber Performance (for other types, see Fiber Performance Chart)

To complete the part number, replace XXY with one of the following designations:

Multimode Designation - Fiber Type	Min. Bandwidth 850nm/1300nm	Max. Attenuation 850nm/1300nm	Singlemode Designation	Max. Attenuation 1310nm/1550nm
50H 50μm fiber	500/500 MHz*km	3.50/1.50 dB/km	O10X	0.70/0.70 dB/km
50E1 (HiCap) 50μm fiber	500/500 MHz*km	3.50/1.50 dB/km	O10A3	0.50/0.50 dB/km
50GBE 50μm fiber	1500/500 MHz*km	3.50/1.50 dB/km		
62X 62.5μm fiber	200/500 MHz*km	3.50/1.00 dB/km		
62E1 62.5μm fiber*	350/600 MHz*km	3.50/1.00 dB/km		

* Mode conditioning patch cords not required