

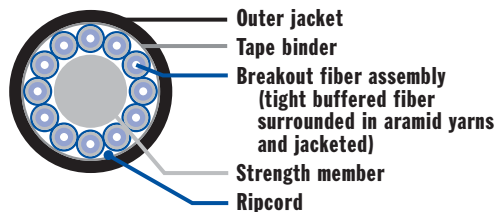
Individual tight buffered fibers in a breakout design of up to 36 fibers

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		
<b>501T-02R-XXY</b>	7.26 • 0.286	49 • 33	1200 • 270	14.5 • 5.7	500 • 113	10.9 • 4.3	835 • 2739	<b>IEEE 802.3</b> 1000 Base SX/LX (1000 Mb/s) 100 Base F (100 Mb/s) 10 Base F (10 Mb/s)  <b>ATM</b> 155 Mb/s 622 Mb/s 1.2/2.4 Gb/s  <b>TIA</b> 492AAAC 10 GbE  <b>Fibre Channel FC-PH</b> (1062 Mb/s)  <b>IEEE 802.5 (16 Mb/s)</b>  <b>DDDI (100 Mb/s)</b>  <b>ICEA 83-596</b>  <b>TIA/EIA-568B</b>  <b>UL 1666 / CSA FT 4</b>  Meets or exceeds Telcordia GR 409 CORE mechanical and environ- mental requirements  <b>Operating Temp</b> -20°C to 80°C (FOTP EIA-455-3)  <b>Storage Temp</b> -40°C to 80°C (FOTP EIA-455-3)  <b>Installation Temp</b> 0°C to 50°C  <b>Applications:</b> <b>Backbone, Horizontal,</b> <b>Intrabuilding</b>  <b>Installation:</b> <b>Riser and Tray</b>  <b>Gigabit Ethernet</b> <b>IEEE 802.3z compliant</b>
<b>501T-04-XXY</b>	8.26 • 0.325	60 • 40	2000 • 450	16.5 • 6.5	1110 • 250	12.4 • 4.9	1524 • 5000	
<b>501T-06-XXY</b>	9.58 • 0.377	85 • 57	2700 • 600	19.2 • 7.5	1110 • 250	14.4 • 5.7	1069 • 3509	
<b>501T-08-XXY</b>	11.30 • 0.445	116 • 78	2700 • 600	22.6 • 8.9	1110 • 250	17.0 • 6.7	782 • 2564	
<b>501T-10-XXY</b>	12.73 • 0.501	153 • 103	3000 • 675	25.5 • 10.0	1200 • 270	19.1 • 7.5	639 • 2097	
<b>501T-12-XXY</b>	14.40 • 0.567	192 • 129	3500 • 788	28.8 • 11.3	1200 • 270	21.6 • 8.5	510 • 1674	
<b>501T-16-XXY</b>	14.81 • 0.583	186 • 125	4100 • 900	29.6 • 11.6	1500 • 338	22.2 • 8.7	659 • 2163	
<b>501T-18-XXY</b>	14.81 • 0.583	183 • 123	4500 • 1013	29.6 • 11.6	1800 • 405	22.2 • 8.7	803 • 2634	
<b>501T-24-XXY</b>	17.27 • 0.680	247 • 166	5520 • 1240	34.5 • 13.6	2000 • 450	25.9 • 10.2	661 • 2169	
<b>501T-30-XXY</b>	18.47 • 0.727	259 • 174	6144 • 1380	36.9 • 14.5	2000 • 450	27.7 • 10.9	631 • 2069	
<b>501T-36-XXY</b>	20.02 • 0.788	318 • 214	7390 • 1660	40.0 • 15.8	2000 • 450	30.0 • 11.8	513 • 1682	

**501T fibers have an easily-strippable 900 μm coating for ease of handling.**

**Individually jacketed fibers are rugged and easy to handle.**

**Riser rated for fire safety.**



### 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	010X	0.70/0.70 dB/km
50E1 (HiCap) 50μm fiber	500/500 MHz*km	3.50/1.50 dB/km	010A3	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