



**TIGHT BUFFER INDOOR SIMPLEX/DUPLEX PLENUM  
FIBER OPTIC CABLE  
PRODUCT SPECIFICATION  
9000222JRBNOOP**

Fiber Diameter (core/clad)	microns	62.5/125*
Fiber Type	Multimode	Graded Index
Numerical Aperture	--	0.275
Maximum Attenuation @ 850/1300nm	dB/km	≤3.2/1.0
Bandwidth @ 850/1300 nm	Mhz.km	≥200/600
Number of Fibers	--	2
Buffer Diameter	microns	900
Storage Temperature Range	°C	-40 to +85
Operating Temperature Range	°C	-20 to +85
Max. Tensile Load for Installation	N (lbf)	1000 (225)
Max. Tensile Load, Long-Term	N (lbf)	500 (112)
Min. Bend Radius, Unloaded	--	10 X O.D.
Crush Resistance (EIA 455-41)	N/cm	100
Impact Resistance (EIA 455-25)	Impacts	25
Flexing, ±90° (EIA 455-104)	Cycles	25
Cable Outside Diameter, Nom.	mm (in.)	2.9 X 6.0(0.114 x 0.235)
Cable Weight, Nom.	kg/km (lbs./1000)	18 (12)

\*Guaranteed Gigabit Ethernet Distance of 300/550mtr per IEEE802.3z.

DESCRIPTION: 2 tight-buffered fibers, water swellable aramid yarns, Black plenum(indoor/outdoor) rated outer jacket in a zip cord construction, OFNP C(ETL)US.

*\*Note: The values listed herein are nominal. CCT reserves the right to modify.*