



**TIGHT BUFFER INDOOR SIMPLEX/DUPLEX PLENUM
 FIBER OPTIC CABLE
 PRODUCT SPECIFICATION
 9000112CRZNONP**

Fiber Diameter (core/clad)	microns	50/125*
Fiber Type	Multimode	Graded Index
Numerical Aperture	--	0.20, ± 0.015
Maximum Attenuation @ 850/1300nm	dB/km	$\leq 3.0/1.0$
Bandwidth @ 850/1300 nm	Mhz.km	$\geq 500/500$
Number of Fibers	--	1
Buffer Diameter	microns	900
Storage Temperature Range	$^{\circ}\text{C}$	-40 to +85
Operating Temperature Range	$^{\circ}\text{C}$	-0 to +85
Max. Tensile Load for Installation	N (lbf)	345 (77)
Max. Tensile Load, Long-Term	N (lbf)	125 (28)
Min. Bend Radius, Unloaded	--	10 X O.D.
Min. Bend Radius, Loaded	--	20 X O.D.
Crush Resistance (EIA 455-41)	N/cm	100
Impact Resistance (EIA 455-25)	Impacts	25
Flexing, $\pm 90^{\circ}$ (EIA 455-104)	Cycles	25
Cable Outside Diameter, Nom.	mm (in.)	2.9(0.114)
Cable Weight, Nom.	kg/km (lbs./1000)	9 (6)

*Guaranteed Gigabit Ethernet Distance of 600/600mtr per IEEE802.3z.

DESCRIPTION: 1 tight-buffered fibers, aramid yarns, orange plenum rated outer jacket in a simplex construction, OFNP C(ETL)US.

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