

# ABC 3821

## Bulk Simplex Fiber Optic Cable

### 62.5/125 Graded Index Simplex Cable

**ABC3821**

Basic Part  
Number

CABLE SPECIFICATIONS	
<b>Core/Mode Field Diameter</b>	62.5 $\mu\text{m} \pm 3 \mu\text{m}$
<b>Cladding Diameter</b>	125 $\mu\text{m} \pm 3 \mu\text{m}$
<b>Primary Buffer</b>	500 $\mu\text{m} \pm 25 \mu\text{m}$
<b>Secondary Buffer</b>	900 $\mu\text{m} \pm 50 \mu\text{m}$
<b>Jacket</b>	.083 $\pm$ .007 Inch Diameter
<b>Attenuation:</b>	
@ 850 nm	4.0 dB/km
@ 1300 nm	2.0 dB/km
<b>Bandwidth:</b>	
@ 850 nm	160 Mhz/km Minimum
@ 1300 nm	500 Mhz/km Minimum
<b>Numerical Aperture</b>	0.275 Nominal
<b>Index Profile</b>	Graded
<b>Proof Test</b>	$\geq 100$ KPSI
<b>Operating Temperature</b>	-40° C to 85° C
<b>Core Noncircularity</b>	$\leq 5\%$
<b>Cladding Noncircularity</b>	$\leq 2\%$

**Consult Factory for price in feet or meters and for  
Standard Length Tolerance**

Glenair also carries 62.5 and 50  $\mu\text{m}$  Multimode fiber that meet FAR25 flammability requirements. Consult factory for more information.

Kevlar® is a registered trademark of DuPont Company.

