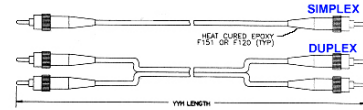


Introduction:

Fiberdyne Labs, Inc. offers a complete line of premium quality Singlemode Fiber Optic Cable Assemblies. Fiberdyne Labs is the brand of choice for many of the Fortune 500 companies in the United States and Canada. Fiberdyne takes pride in each and every assembly produced.

- Simplex and Duplex Assemblies
- Any Connector: SC/UPC, SC/APC, ST, FC/UPC, FC/APC, MTRJ, LC/UPC, LC/APC, MTP, etc.
- All assemblies are oven cured
- Shorts Boots are available
- All Assemblies are machine polished
- Assemblies are checked for optical clarity
- Custom Labeling Available
- Drop shipping is available to any location specified
- Our pricing is the best in the industry. As a manufacturer, we pass our savings directly to our customer.



Note: Plenum cable available upon request

MT-RJ assemblies available upon request

Cable Data
Fiberdyne Cable 8.3/125 Tight Buffer Singlemode

	Simplex	Duplex
Outside Dia.	2.9mm	2.9 X 5.8 mm
Cable Weight	7.8Kg/km	15.6Kg/km
Max. Tensile Load		
Short Term	500DN	1000DN
Long Term	300DN	500DN
Min. Bend Radius		
Loaded	5.0cm	5.0cm
Unloaded	3.0cm	3.0cm
Crush Rest. (N/cm)	750N/cm	750N/cm
Impact Resist. Cycles		
@1.6 N-m	1000	1000
Flex Resist. Cycles	7500	7500
Storage Temp. -40°C TO +70°C Operating Temp. -20°C TO +70°C Cable: Yellow Single Mode Premium Performance Single Mode: (1300/1550 nm) Max. Attenuation: (dB/km) 1.0/.75 Typ. Attenuation: (@ 23C) .5/.5 Min. Bandwidth: (MHz-km) 160/500		

Connector Data

Parameter: Single Mode FC
Interconnection Compatibility: All Standard Conn. & Compatibles
Attenuation: <0.3dB
Durability: <0.2dB Change - 500 Remating
Temp Range: -40°C to +60°C
Storage: -40°C to +80°C
Operating: -40°C to +80°C
Ferrule: Pre-Radiused Ceramic
Housing: Composite
Reflectance: <-55dB for Ultra PC
<-65dB for Angled PC
Tensile Strength: < or = 0.2dB change, 20 lb. FOTP-6
Temperature Cycling: -40 to +75 °C, 21 cycles, < 0.3 dB change