

## 900µm or 600µm tight buffer fiber,lszh, aramid yarn,flame-retardant jacket (UL-94 V0) Excellent stripping performance of tight buffer fiber Suited to SM fiber and MM fiber (50µm and 62.5µm)

**Geometrical Characteristics** 

Fiber       1.75%         Fiber Type(core/cladding dimension)       8.3/125, 50/125, 62.5/125         Environmental Characteristics       50/00 C ~+70°C         Storage Operating Temperature       -40°C ~+70°C         Mechanical Characteristics       -40°C ~+70°C         Max Load(N)       Long Term       100       100       50         Bending Radius(CM)       Long Term       200       200       100         Dynamic       20×H (H: Cable Axis)       5tatic       10×H (H: Cable Axis)         Transmission Characteristics       SMF       50/125, 10g5/125       62.5/125         SMF       50/125, 10g5/125       62.5/125       850/1300(nm)	deomethical enalueteristics				
Duplex Cable Weight(kg/km)         14         8         7.8           TBF Diameter(µm)         900±50         600±50         01           Fiber	Duplex Cable Type	φ3.0	φ2.0	φ1.8	
TBF Diameter(µm)       900±50       600±50       (1.75/2)         Fiber       8.3/125, 50/125, 62.5/125       (9.1)         Fiber Type(core/cladding dimension)       8.3/125, 50/125, 62.5/125       (9.1)         Environmental Characteristics       -40°C ~+70°C       (9.1)         Storage Operating Temperature       -40°C ~+70°C       (9.1)         Max Load(N)       Long Term       100       100       50         Short Term       200       200       100         Dynamic       20×H (H: Cable Axis)       Static       10×H (H: Cable Axis)         Transmission Characteristics       SMF       50/125, 10g5/125       62.5/125         SMF       50/1300(nm)       850/1300(nm)       850/1300(nm)	Duplex Cable Diameter(mm)	2.85/5.80	1.95/4.00	1.80/3.70	
Fiber <ul> <li></li></ul>	Duplex Cable Weight(kg/km)	14	8	7.8	
Fiber       1.75%         Fiber Type(core/cladding dimension)       8.3/125, 50/125, 62.5/125         Environmental Characteristics       -40°C ~+70°C         Storage Operating Temperature       -40°C ~+70°C         Machanical Characteristics       -40°C ~+70°C         Max Load(N)       Long Term       100       100       50         Bending Radius(CM)       Long Term       200       200       100         Dynamic       20×H (H: Cable Axis)       Static       10×H (H: Cable Axis)         Transmission Characteristics       SMF       50/125, 10g5/125       62.5/125         SMF       50/125, 10g5/125       62.5/125         1310/1550(nm)       850/1300(nm)       850/1300(nm)	TBF Diameter(µm)	900±50		600±50	
Fiber       7.4         Fiber Type(core/cladding dimension)       8.3/125, 50/125, 62.5/125         Environmental Characteristics       -40°C ~+70°C         Storage Operating Temperature       -40°C ~+70°C         Machanical Characteristics       -40°C ~+70°C         Max Load(N)       Long Term       100       100       50         Bending Radius(CM)       Long Term       200       200       100         Dynamic       20×H (H: Cable Axis)       5tatic       10×H (H: Cable Axis)         Transmission Characteristics       SMF       50/125, 10g5/125       62.5/125         1310/1550(nm)       850/1300(nm)       850/1300(nm)       850/1300(nm)					φ1.6
Fiber Type(core/cladding dimension)       8.3/125, 50/125, 62.5/125         Environmental Characteristics         Storage Operating Temperature       -40°C ~+70°C         Mechanical Characteristics         Max Load(N)       Long Term       100       100       50         Short Term       200       200       100         Dynamic       20×H (H: Cable Axis)       Static       10×H (H: Cable Axis)         Transmission Characteristics       SMF       50/125, 10g5/125       62.5/125         1310/1550(nm)       850/1300(nm)       850/1300(nm)       850/1300(nm)	Fiber				
Storage Operating Temperature       -40°C ~+70°C         Mechanical Characteristics       Long Term       100       100       50         Max Load(N)       Long Term       200       200       100         Bending Radius(CM)       Dynamic       20×H (H: Cable Axis)       100       100         Transmission Characteristics       SMF       50/125, 10g5/125       62.5/125         1310/1550(nm)       850/1300(nm)       850/1300(nm)       850/1300(nm)	Fiber Type(core/cladding dimension)	8.3/125, 50/125	5, 62.5/125		7.0
Mechanical Characteristics         Max Load(N)       Long Term       100       100       50         Short Term       200       200       200       100         Dynamic       20×H       (H: Cable Axis)       5         Static       10×H       (H: Cable Axis)       5         Transmission Characteristics       SMF       50/125, 10g5/125       62.5/125         1310/1550(nm)       850/1300(nm)       850/1300(nm)	Environmental Characteristics				
Max Load(N)       Long Term       100       100       50         Short Term       200       200       200       100         Dynamic       20×H (H: Cable Axis)       5         Static       10×H (H: Cable Axis)       5         Transmission Characteristics       SMF       50/125, 10g5/125       62.5/125         1310/1550(nm)       850/1300(nm)       850/1300(nm)	Storage Operating Temperature	-40°C ~+70°C			
Max Load(N)         Short Term         200         200         200         100           Bending Radius(CM)         Dynamic         20×H         (H: Cable Axis)         Image: Cable Axis)<	Mechanical Characteristics				
Short Term       200       200       200       100         Dynamic       20×H       (H: Cable Axis)         Static       10×H       (H: Cable Axis)         Transmission Characteristics       SMF       50/125, 10g5/125       62.5/125         1310/1550(nm)       850/1300(nm)       850/1300(nm)	Max Load(N)	Long Term	100 100	100 50	
Bending Radius(CM)         Static         10×H         (H: Cable Axis)           Transmission Characteristics         SMF         50/125, 10g5/125         62.5/125           1310/1550(nm)         850/1300(nm)         850/1300(nm)		Short Term	200 200	200 100	
Static         IO×H (H: Cable Axis)           Transmission Characteristics         SMF         50/125, 10g5/125         62.5/125           1310/1550(nm)         850/1300(nm)         850/1300(nm)	Bending Radius(CM)	Dynamic	20×H (H: Cable Axi		
SMF50/125, 10g5/12562.5/1251310/1550(nm)850/1300(nm)850/1300(nm)		Static	10×H (H: Cable Axi	s)	
SMF50/125, 10g5/12562.5/1251310/1550(nm)850/1300(nm)850/1300(nm)					
1310/1550(nm) 850/1300(nm) 850/1300(nm)	Transmission Characteristics				
		SMF	50/125, 10g5/125	62.5/125	
		1310/1550(nm)	850/1300(nm)	850/1300(nm)	
Max Attenuation(dB/km) 0.45/0.30 3.5/1.5 3.5/1.5	Max Attenuation(dB/km)	0.45/0.30	3.5/1.5	3.5/1.5	
AVG. Attenuation(dB/km) 0.40/0.25 3.0/1.0 3.0/1.0	AVG. Attenuation(dB/km)	0.40/0.25	3.0/1.0	3.0/1.0	
Min Bandwidth(MHz·km) 400/400 160/500	Min Bandwidth(MHz⋅km)		400/400	160/500	

**B&C Fiber Group** duplex patch leads are manufactured in our own modern facilities from the highest quality optical fiber, terminated with ceramic ferrule connectors of various types. Cable preparation, termination and performance testing is carried out to strictly managed procedures, with high focus on quality control. **All B&C Fiber optical products are 100% optical tested and come with a test certificate.**Our products are conform with all industry typical standards: **IEC, EIA, TIA or Telcordia**