

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 	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**