

FPV Drone Optical Fiber

3KM



Parameter

Model	FPV2.0-0.26-3KM	Fiber length	3000+60M
Name	FPV drone optical fiber spool	Fiber type	G657A2
Jacket material	/	Weight	65g/km
Outer diameter	0.26mm ±0.1	Working temperature	(-40~+85) °C
Color of tight buffer	Natural (transparent)		
Fiber connector	FC/UPC(default)		
Attenuation			
	@1310nm		@1550nm
	≤0.35 dB/km		≤0.25 dB/km
Insertion loss	≤1.3dB(3KM with connector)		≤1.0dB(3KM with connector)
Dimension& weight			
Material of canister	Dimension of canister		N.W(box+fiber spool)
ABS/ black	φ 10.3* H23 cm		490g
Packing information			
Carton type	L*W*H		Weight(exclude modules)
Inner box	31.0*14.5*16.0 cm		810g
Outer carton (8pcs/box)	65.0*32.0*35.0 cm		8000g

5KM



Parameter

Model	FPV2.0-0.26-5KM	Fiber length	5000+100M
Name	FPV drone optical fiber spool	Fiber type	G657A2
Jacket material	/	Weight	65g/km
Outer diameter	0.26mm ±0.1	Working temperature	(-40~+85) °C
Color of tight buffer	Natural (transparent)		
Fiber connector	FC/UPC(default)		
Attenuation			
	@1310nm	@1550nm	
	≤0.35 dB/km	≤0.25 dB/km	
Insertion loss	≤2.3dB(5KM with connector)	≤1.8dB(5KM with connector)	
Dimension& weight			
Material of canister	Dimension of canister	N.W(box+fiber spool)	
ABS/ black	φ 10.3* H23 cm	630g	
Packing information			
Carton type	L*W*H	Weight(exclude modules)	
Inner box	31.0*14.5*16.0 cm	930g	
Outer carton (8pcs/box)	65.0*32.0*35.0 cm	9000g	

10KM



Parameter

Model	FPV2.0-0.26-10KM	Fiber length	10000+200M
Name	FPV drone optical fiber spool	Fiber type	G657A2
Jacket material	/	Weight	65g/km
Outer diameter	0.26mm ±0.01	Working temperature	(-40~+85) °C
Color of tight buffer	Natural (transparent)		
Fiber connector	FC/UPC(default)		
Attenuation			
	@1310nm		@1550nm
	≤0.35 dB/km		≤0.25 dB/km
Insertion loss	≤4.0dB(10KM with connector)		≤3.0(10KM with connector)
Dimension& weight			
Material of canister	Dimension of canister		N.W(box+fiber spool)
ABS/ black	φ 13* H31 cm		980g
Packing information			
Carton type	L*W*H		Weight(exclude modules)
Inner box	42.0*17.5*20.0 cm		1350g
Outer carton (6pcs/box)	45.0*38.0*44.0 cm		9600g

15KM



Parameter

Model	FPV2.0-0.26-15KM	Fiber length	15000+300M
Name	FPV drone optical fiber spool	Fiber type	G657A2
Jacket material	/	Weight	65g/km
Outer diameter	0.26mm \pm 0.1	Working temperature	(-40~+85) $^{\circ}$ C
Color of tight buffer	Natural (transparent)		
Fiber connector	FC/UPC(default)		
Attenuation			
@1310nm		@1550nm	
\leq 0.35 dB/km		\leq 0.25 dB/km	
Insertion loss	\leq 5.8dB(15KM with connector)	\leq 4.3(15KM with connector)	
Dimension& weight			
Material of canister	Dimension of canister	N.W(box+fiber spool)	
ABS/ black	ϕ 13* H31 cm	1300g	
Packing information			
Carton type	L*W*H	Weight(exclude modules)	
Inner box	42.0*17.5*20.0 cm	1670g	
Outer carton (6pcs/box)	45.0*38.0*44.0 cm	11500g	

20KM



Parameter

Model	FPV2.0-0.26-20KM	Fiber length	20000+400M
Name	FPV drone optical fiber spool	Fiber type	G657A2
Jacket material	/	Weight	65g/km
Outer diameter	0.26mm ±0.1	Working temperature	(-40~+85) °C
Color of tight buffer	Natural (transparent)		
Fiber connector	FC/UPC(default)		
Attenuation			
	@1310nm	@1550nm	
	≤0.35 dB/km	≤0.25 dB/km	
Insertion loss	≤7.2dB(20KM with connector)	≤5.2(20KM with connector)	
Dimension& weight			
Material of canister	Dimension of canister	N.W(box+fiber spool)	
ABS/ black	φ 13* H34 cm	1700g	
Packing information			
Carton type	L*W*H	Weight(exclude modules)	
Inner box	44.5*20.0*21.0 cm	2130g	
Outer carton (6pcs/box)	48.0*44.0*45.0 cm	14500g	

30KM



Parameter

Model	FPV2.0-0.26-30KM	Fiber length	30000+600M
Name	FPV drone optical fiber spool	Fiber type	G657A2
Jacket material	/	Weight	65g/km
Outer diameter	0.26mm ±0.1	Working temperature	(-40~+85) °C
Color of tight buffer	Natural (transparent)		
Fiber connector	FC/UPC(default)		
Attenuation			
	@1310nm		@1550nm
	≤0.35 dB/km		≤0.25 dB/km
Insertion loss	≤10.7dB(30KM with connector)		≤7.7(30KM with connector)
Dimension& weight			
Material of canister	Dimension of canister		N.W(box+fiber spool)
ABS/ black	φ 13* H34 cm		2400g
Packing information			
Carton type	L*W*H		Weight(exclude modules)
Inner box	44.5*20.0*21.0 cm		2830g
Outer carton (6pcs/box)	48.0*44.0*45.0 cm		18800g