

FIBER OPTIC LINE GUIDE

The fiber optic light guide uses a high output 0.66 N.A. or 0.55 N.A. glass fibers to provide cool, uniform illumination. The fiber housing is constructed with PVC covered monocoil sheathing, PVC covered metal hose or Stainless Steel sheathing with stainless steel terminations. Distal end tips are available with a right angle, a threaded end and small diameter hypo-tubing end. Also available is a Dual Light Guide that has fibers that are housed in PVC monocoil sheathing or Stainless Steel sheathing with stainless steel terminations.



Features

- Cool/Uniform illumination
- Stainless steel termination(s)
- Different types of sheathing available
- Custom configurations
- Fiber Size: 0.002 diameter
- Fiber Type: 0.66 N.A or 0.55 N.A.

Techniquip Light Guide Specifications

Spectral Response:	400nm to 2000nm
Fiber Type:	0.66 N.A.
Fiber Size:	0.002" (50 micron)
Temp Rating:	-40°F to 225°F
Acceptance Cone:	82°

DJI Light Guide Specifications

Spectral Response:	400nm to 2000nm
Fiber Type:	0.55 N.A.
Fiber Size:	0.002" (50 micron)
Temp Rating:	-40°F to 225°F
Acceptance Cone:	68°



DJI SINGLE FIBER OPTIC LIGHT GUIDES

Part #	Cable Length	End Tip Dia.		End Ferrule	Sheathing	Fiber Bundle Dia
B624	24"	0.187"		Standard	PVC Monocoil	0.063"
B636	36"					
B648	48"					
B672	72"					
B624M	24"	0.588"	0.187"	Standard	PVC Monocoil	0.063"
B636M	36"					
B648M	48"					
B672M	72"					
B824	24"	0.187"		Standard	PVC Monocoil	0.125"
B836	36"					
B848	48"					
B860	60"					
B872	72"					
B896	96"					
B8120	120"					
B8144	144"					
B8240	240"					
B824M	24"	0.588"	0.187"	Standard	PVC Monocoil	0.125"
B836M	36"					
B848M	48"					
B860M	60"					
B872M	72"					
B896M	96"					
B8120M	120"					
B8144M	144"					
B536	36"	0.187"		Standard	PVC Monocoil	0.156"
B548	48"					
B572	72"					
B424	24"	0.312"		Standard	PVC Monocoil	0.25"
B436	36"					
B448	48"					
B460	60"					
B472	72"					
B484	84"					
B496	96"					
B4120	120"					
B4144	144"					
B4240	240"					
B424M	24"	0.588"	0.312"	Standard	PVC Monocoil	0.25"
B436M	36"					
B448M	48"					
B460M	60"					
B472M	72"					
B484M	84"					
B496M	96"					
B4120M	120"					
B4144M	144"					
B4240M	240"					



DJI SINGLE FIBER OPTIC LIGHT GUIDES

Part #	Cable Length	End Tip Dia.		End Ferrule	Sheathing	Fiber Bundle Dia
B3736	36"					
B3748	48"	0.562		Standard	PVC Monocoil	0.375"
B3772	72"					
B236	36"					
B248	48"	0.562"		Standard	PVC Monocoil	0.5"
B272	72"					
BX612	12"					
BX624	24"					
BX636	36"	0.187"		Standard	Stainless Steel	0.063"
BX648	48"					
BX660	60"					
BX672	72"					
BX824	24"					
BX836	36"					
BX848	48"					
BX860	60"	0.187"		Standard	Stainless Steel	0.125"
BX872	72"					
BX896	96"					
BX8120	120"					
BX8144	144"					
BX8240	240"					
BX824M	24"					
BX836M	36"					
BX848M	48"					
BX860N	60"	0.588"	0.187"	Standard	Stainless Steel	0.125"
BX872M	72"					
BX896N	96"					
BX8120M	120"					
BX8144M	144"					
BX536	36"					
BX548	48"	0.187"		Standard	Stainless Steel	0.156"
BX572	72"					
BX424	24"					
BX436	36"					
BX448	48"					
BX460	60"	0.312"		Standard	Stainless Steel	0.25"
BX472	72"					
BX484	84"					
BX496	96"					
BX4120	120"					
BX4144	144"					
BX4240	240"					
BX424M	24"					
BX436M	36"					
BX448M	48"	0.588"	0.312"	Standard	Stainless Steel	0.25"
BX460M	60"					
BX472M	72"					
BX484M	84"					



DJI SINGLE FIBER OPTIC LIGHT GUIDES

Part #	Cable Length	End Tip Dia.		End Ferrule	Sheathing	Fiber Bundle Dia
BX496M	96"	0.588"	0.312"	Standard	Stainless Steel	0.25"
BX4120M	120"					
BX144M	144"					
BX240M	240"					
BX3736	36"	0.562"	Standard	Stainless Steel	0.375"	
BX3748	48"					
BX3772	72"					
BX236	36"	0.562"	Standard	Stainless Steel	0.5"	
BX248	48"					
BX272	72"					
BT636	36"	0.312"	Threaded 5/16-24 UNF	PVC Monocoil	0.063"	
BT672	72"					
BT824	24"	0.312"	Threaded 5/16-24 UNF	PVC Monocoil	0.125"	
BT836	36"					
BT848	48"					
BT872	72"					
BT896	96"					
BT8120	120"					
BT536	36"	0.376"	Threaded 5/16-24 UNF	PVC Monocoil	0.156"	
BT548	48"					
BT572	72"					
BT436	36"	0.422"	Threaded 1/2-20 UNF	PVC Monocoil	0.25"	
BT448	48"					
BT472	72"					
BXT618	18"	0.312"	Threaded 5/16-24 UNF	Stainless Steel	0.063"	
BXT624	24"					
BXT636	36"					
BXT648	48"					
BXT672	72"					
BXT812	12	0.312"	Threaded 5/16-24 UNF	Stainless Steel	0.125"	
BXT824	24					
BXT836	36					
BXT848	48					
BXT860	60					
BXT872	72					
BXT896	96					
BXT8120	120					
BXT536	36"	0.375"	Threaded 5/16-24 UNF	Stainless Steel	0.156"	
BXT436	36"	0.563"	Threaded 1/2-20 UNF	Stainless Steel	0.25"	
BXT448	48"					
BXT460	60"					
BL612	12"	0.187"	90° L Tip	PVC Monocoil	0.063"	
BL620	20"					
BL624	24"					
BL636	36"					
BL648	48"					
BL672	72"					



DJI SINGLE FIBER OPTIC LIGHT GUIDES

Part #	Cable Length	End Tip Dia.		End Ferrule	Sheathing	Fiber Bundle Dia	
BL824	24"	0.187"		90° L Tip	PVC Mono	0.125"	
BL524	24"	0.187"		90° L Tip	PVC Monocoil	0.156"	
BL536	36"	0.187"					
BL5120	120"	0.187"					
BXL636	36'	0.187"		90° L Tip	Stainless Steel	0.063"	
BXL648	48"	0.187"					
BXL672	72"	0.187"					
BXL824	24"	0.187"		90° L Tip	Stainless Steel	0.125"	
BXL836	36"	0.187"					
BXL848	48"	0.187"					
BXL860	60"	0.187"					
BXL872	72"	0.187"					
BXL884	84"	0.187"					
BXL896	96"	0.187"					
BXL8120	120"	0.187"					
BXL8144	144"	0.187"					
BXL8240	240"	0.187"					
BXL536	36"	0.187"		90° L Tip	Stainless Steel	0.156"	
BXL572	72"	0.187"					
BXL584	84"	0.187"					
BY2724	24"	0.187"	0.043"	Small Dia Hypo-Tubing	PVC Monocoil	0.032"	
BY2724M	24"	0.588"					
BY2748	48"	0.187"					
BY4136	36"	0.187"	0.059"	Small Dia Hypo-Tubing	PVC Monocoil	0.041"	
BY4172	72"						
BY6336	36"	0.187"	0.083"	Small Dia Hypo-Tubing	PVC Monocoil	0.063"	
BY6348	48"						
BY6372	72"						
BMX2736	36"	0.187"	0.043"	45° Bend Hypo-Tubing	PVC Monocoil	0.032"	
BMX4136	36"			0.059"			45° Bend Hypo-Tubing
BMX6336	36"	0.187"	0.083"	45° Bend Hypo-Tubing	PVC Monocoil	0.063"	
BMX6372	72"						
BLY2724	24"	0.187"	0.043"	90° Bend Hypo-Tubing	PVC Monocoil	0.032"	
BLY2748	48"						
BLY4124	24"	0.187"	0.059"	90° Bend Hypo-Tubing	PVC Monocoil	0.041"	
BLY4124M	24"						0.588"
BLY4148	48"						0.187"
BLY6336	36"	0.187"	0.083"	90° Bend Hypo-Tubing	PVC Monocoil	0.063"	
BLY6372	72"						
BXY2724	24"	0.187"	0.043"	Small Dia Hypo-Tubing	Stainless Steel	0.032"	
BXY2748	48"						
BXY4126	26"	0.187"	0.059"	Small Dia Hypo-Tubing	Stainless Steel	0.041"	
BXY4136	36"						
BXY6336	36"	0.187"	0.083"	Small Dia Hypo-Tubing	Stainless Steel	0.063"	
BXY6372	72"						



DJI SINGLE FIBER OPTIC LIGHT GUIDES

Part #	Cable Length	End Tip Dia.		End Ferrule	Sheathing	Fiber Bundle Dia
BXMY2724	24"	0.187"	0.043"	45° Bend Hypo-Tubing	Stainless Steel	0.032"
BXMY2736	36"					
BXMY4136	36"	0.187"	0.059"	45° Bend Hypo-Tubing	Stainless Steel	0.041"
BXLY2724	24"	0.187"	0.043"	90° Bend Hypo-Tubing	Stainless Steel	0.032"
BXLY2736	36"					
BXLY2748	48"					
BXLY2772	72'					
BXLY4136	36"	0.187"	0.059"	90° Bend Hypo-Tubing	Stainless Steel	0.041"
BXLY4172	72"					
BXLY6336	36"	0.187"	0.083"	90° Bend Hypo-Tubing	Stainless Steel	0.063"
BXLY6372	72"					

TECHNIQUIP SINGLE FIBER OPTIC LIGHT GUIDES

Part #	Cable Length	End Tip Dia.		End Ferrule	Sheathing	Fiber Bundle Dia
SF13036M	36"	0.187"		Standard	PVC Monociol	0.125"
SF13048M	48"					
SF13072M	72"					
SF25036M	36"	0.312"		Standard	PVC Monociol	0.25"
SF25048M	48"					
SF25072M	72"					
SF38036P	36"	0.625"		Standard	PVC Metal Hose	0.375"
SF38048P	48"					
SF38072P	72"					
SF50036P	36"	0.625"		Standard	PVC Metal Hose	0.5"
SF50048P	48"					
SF50060P	60"					
SF50072P	72"					
SF63036P	36"	0.99"		Standard	PVC Metal Hose	0.625"
SF13036L	36"	0.187"		90° L Tip	PVC Monociol	0.125"
SF13048L	48"					
SF13072L	72"					
SF25036L	36"	0.312"		90° L Tip	PVC Monociol	0.25"
SF25048L	48"					
SF25072L	72"					
SF13036T	36"	0.187"		Threaded 5/16-24	PVC Monociol	0.125"
SF13048T	48"					
SF13072T	72"					
SF25036T	36"	0.312"		Threaded 1/2-20	PVC Monociol	0.25"
SF25048T	48"					
SF25072T	72"					



DJI DUAL FIBER OPTIC LIGHT GUIDES

Part #	Cable Length	End Tip Dia.		End Ferrule	Sheathing	Fiber Bundle Dia
E624	24"					
E636	36"					
E648	48"	0.187"		Standard	PVC Monocoil	0.063"
E660	60"					
E672	72"					
E824	24"					
E836	36"					
E848	48"	0.187"		Standard	PVC Monocoil	0.125"
E860	60"					
E872	72"					
E896	96"					
E848M	48"	0.588"	0.187"	Standard	PVC Monocoil	0.125"
E524	24"					
E536	36"	0.187"		Standard	PVC Monocoil	0.156"
E572	72"					
E424	24"					
E436	36"	0.312"		Standard	PVC Monocoil	0.25"
E448	48"					
E472	72"					
E448M	48"	0.588"	0.312"	Standard	PVC Monocoil	0.25"
E472M	72"					
E3736	36"					
E3748	48"	0.562"		Standard	PVC Monocoil	0.375"
E3772	72"					
E236	36"					
E248	48"	0.562"		Standard	PVC Monocoil	0.5"
E272	72"					
EX624	24"					
EX636	36"	0.187"		Standard	Stainless Steel	0.063"
EX672	72"					
EX824	24"					
EX836	36"					
EX848	48"	0.187"		Standard	Stainless Steel	0.125"
EX860	60"					
EX872	72"					
EX424	24"					
EX448	48"	0.312"		Standard	Stainless Steel	0.25"
EX472	72"					
EE624	24"					
EE636	36"					
EE660	60"	0.187"		Standard	PVC Monocoil	0.063"
EE672	72"					
EE696	96"					
EE824	24"					
EE836	36"					
EE848	48"	0.187"		Standard	PVC Monocoil	0.125"
EE860	60"					
EE872	72"					



DJI DUAL FIBER OPTIC LIGHT GUIDES

Part #	Cable Length	End Tip Dia.		End Ferrule	Sheathing	Fiber Bundle Dia
EE896	96"	0.187"		Standard	PVC Monocoil	0.125"
EE8144	144"	0.187"				
EE8240	240"	0.187"				
EE836M	36"	0.588"	0.187"	Standard	PVC Monocoil	0.125"
EE860M	60"					
EE412	12"	0.312"		Standard	PVC Monocoil	0.25"
EE424	24"					
EE436	36"					
EE448	48"					
EE460	60"					
EE472	72"					
EE496	96"					
EE4120	120"					
EE424M	24"	0.588"	0.312"	Standard	PVC Monocoil	0.25"
EE436M	36"					
EE448M	48"					
EE460M	60"					
EE472M	72"					
EEX836	36"	0.187"		Standard	Stainless Steel	0.125"
EEX524	24"	0.187"		Standard	Stainless Steel	0.156"
EEX448	48"	0.312"		Standard	Stainless Steel	0.25"
EEX460	60"					
EEX472	72"					
EEX496	96"					
ET624	24"	0.187"		Threaded 5/16-24 UNF	PVC Monocoil	0.063"
ET636	36"					
ET672	72"					
ET824	24"	0.187"		Threaded 5/16-24 UNF	PVC Monocoil	0.125"
ET836	36"					
ET848	48"					
ET872	72"					
ET536	36"	0.187"		Threaded 5/16-24 UNF	PVC Monocoil	0.156"
ET572	72"					
EXT624	24"	0.187"		Threaded 5/16-24 UNF	Stainless Steel	0.063"
EXT636	36"					
EXT672	72"					
EXT824	24"	0.187"		Threaded 5/16-24 UNF	Stainless Steel	0.125"
EXT836	36"					
EXT848	48"					
EXT872	72"					
EPXT624	24"	0.187"		Threaded 5/16-24 UNF	Stainless Steel	0.063"
EPXT636	36"					
EPXT824	24"	0.187"		Threaded 5/16-24 UNF	Stainless Steel	0.125"
EPXT836	36"					
EET648	48"	0.187"		Threaded 5/16-24 UNF	PVC Monocoil	0.063"



DJI DUAL FIBER OPTIC LIGHT GUIDES

Part #	Cable Length	End Tip Dia.	End Ferrule	Sheathing	Fiber Bundle Dia
EET848	48"	0.187"	Threaded 5/16-24 UNF	PVC Monocoil	0.125"
EET548	48"	0.187"	Threaded 5/16-24 UNF	PVC Monocoil	0.158"
EL624	24"	0.187"	90° L Tip	PVC Monocoil	0.063"
EL636	36"				
EL648	48"				
EL660	60"				
EL672	72"				
EL824	24"	0.187"	90° L Tip	PVC Monocoil	0.125"
EL836	36"				
EL848	48"				
EL860	60"				
EL872	72"				
EXL624	24"	0.187"	90° L Tip	Stainless Steel	0.063"
EXL636	36"				
EXL660	60"				
EXL672	72"				
EXL824	24"	0.187"	90° L Tip	Stainless Steel	0.125"
EXL836	36"				
EXL848	48"				
EXL860	60"				
EXL872	72"				
EY2724	24"	0.043"	Small Dia Hypo-Tuping	PVC Monocoil	0.032"
EY2748	48"				
EY2772	72"				
EY4136	36"	0.059"	Small Dia Hypo-Tuping	PVC Monocoil	0.041"
EY6324	24"	0.083"	Small Dia Hypo-Tuping	PVC Monocoil	0.063"
EY6336	36"				
EY6372	72"				
EMY2736	36"	0.043"	45° Bend Hypo-Tubing	PVC Monocoil	0.032"
EMY2772	72"				
EMY4136	36"	0.059"	45° Bend Hypo-Tubing	PVC Monocoil	0.041"
EMY6336	36"	0.083"	45° Bend Hypo-Tubing	PVC Monocoil	0.063"
ELY2724	24"	0.043"	90° Bend Hypo-Tubing	PVC Monocoil	0.032"
ELY2736	36"				
ELY4124	24"	0.059"	90° Bend Hypo-Tubing	PVC Monocoil	0.041"
ELY4136	36"				
ELY6324	24"	0.083"	90° Bend Hypo-Tubing	PVC Monocoil	0.063"
ELY6336	36"				
ELY6348	48"				
EXY4136	36"	0.059"	Small Dia Hypo-Tuping	Stainless Steel	0.041"
EXLY2724	24"	0.043"	90° Bend Hypo-Tubing	Stainless Steel	0.032"
EXLY2736	36"				



DJI DUAL FIBER OPTIC LIGHT GUIDES

Part #	Cable Length	End Tip Dia.	End Ferrule	Sheathing	Fiber Bundle Dia
EXLY6372	72"	0.083"	90° Bend Hypo-Tubing	Stainless Steel	0.063"

TECHNIQUIP DUAL FIBER OPTIC LIGHT GUIDES

Part #	Cable Length	End Tip Dia.	End Ferrule	Sheathing	Fiber Bundle Dia
DF13036M	36"	0.187"	Standard	PVC Monocoil	0.125"
DF13048M	48"				
DF13060M	60"				
DF13072M	72"				
DF25036M	36"	0.312"	Standard	PVC Monocoil	0.25"
DF25048M	48"				
DF25060M	60"				
DF25072M	72"				
DF35036P	36"	0.625"	Standard	PVC Cover Metal Hose	0.354"
DF35072P	72"				
DF50036P	36"	0.625"	Standard	PVC Cover Metal Hose	0.5"
DF50072P	72"				

