

Fiber Optics
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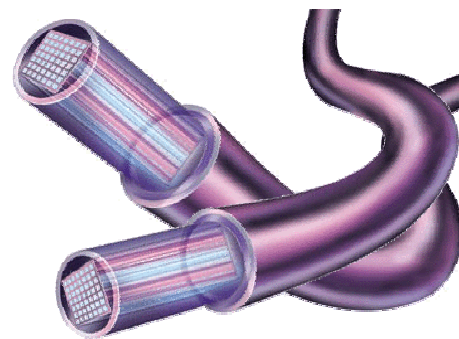
E-Mail:
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Website: www.us.schott.com/fiberoptics

Typical Applications:

Machine vision	Explosive environments
Flight simulators	Nuclear experiments
MRI	Armored vehicle sights
EMI free	Hazardous environments

Wound Fiber Optic Image Bundles



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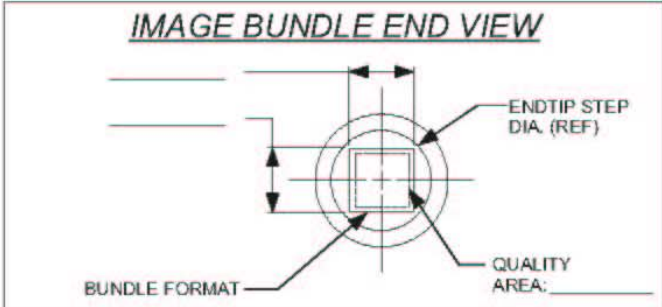
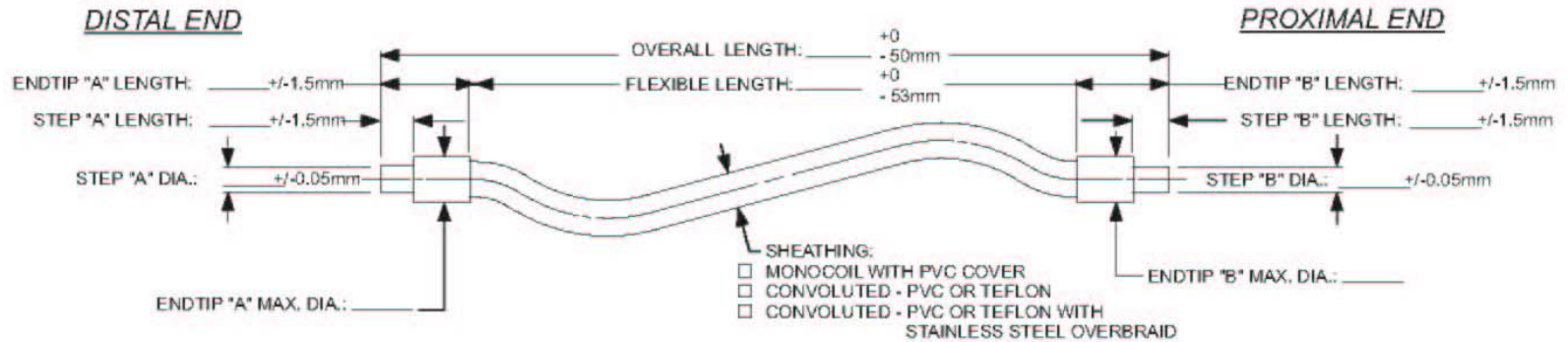
e-mail: newman.chen@schott.com**SCHOTT**

WOUND IMAGE BUNDLE RFQ

(Please refer to other side for additional information...)

Company: _____
 Address: _____
 City: _____ State: _____ Zip: _____

Contact: _____
 Phone: _____ Fax: _____
 Date: _____ Customer Approval: _____



NOTE:
 UNLESS OTHERWISE SPECIFIED
 DIMENSIONS INDICATED ARE IN
 INCHES.

N.A.: _____
 NUMERICAL APERTURE TO BE
 DETERMINED BY SFO BASED ON
 OTHER SPECIFICATIONS AS
 NOTED ON THIS SHEET.

**IMAGE QUALITY SPECIFICATION
 IN QUALITY AREA:**

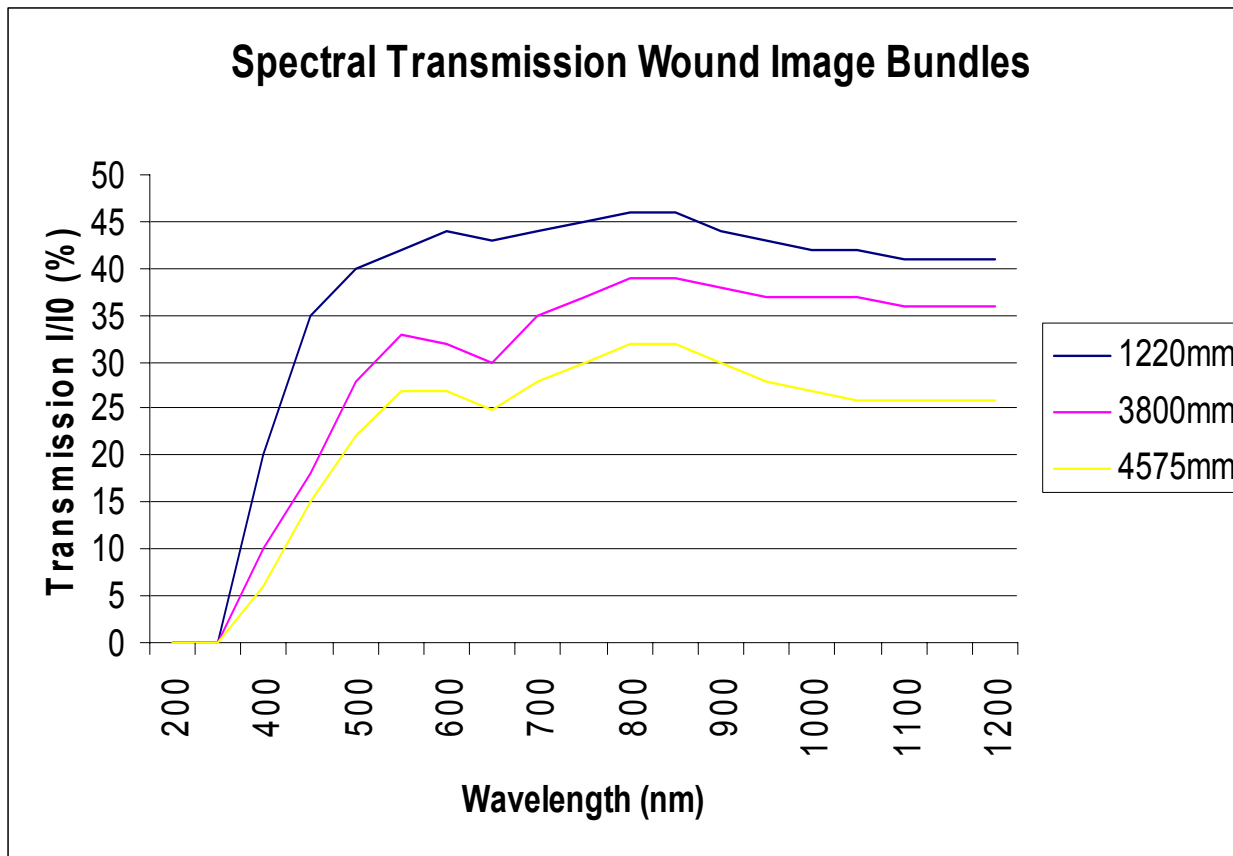
- STANDARD:
 0.2% BROKEN MULTIFIBERS (< 3.65M LENGTHS)
 0.3% BROKEN MULTIFIBERS (> 3.65M LENGTHS)
 0.025mm COHERENCY
 NO MISPLACED MULTIFIBERS
- CUSTOM: _____

Special Requirements:

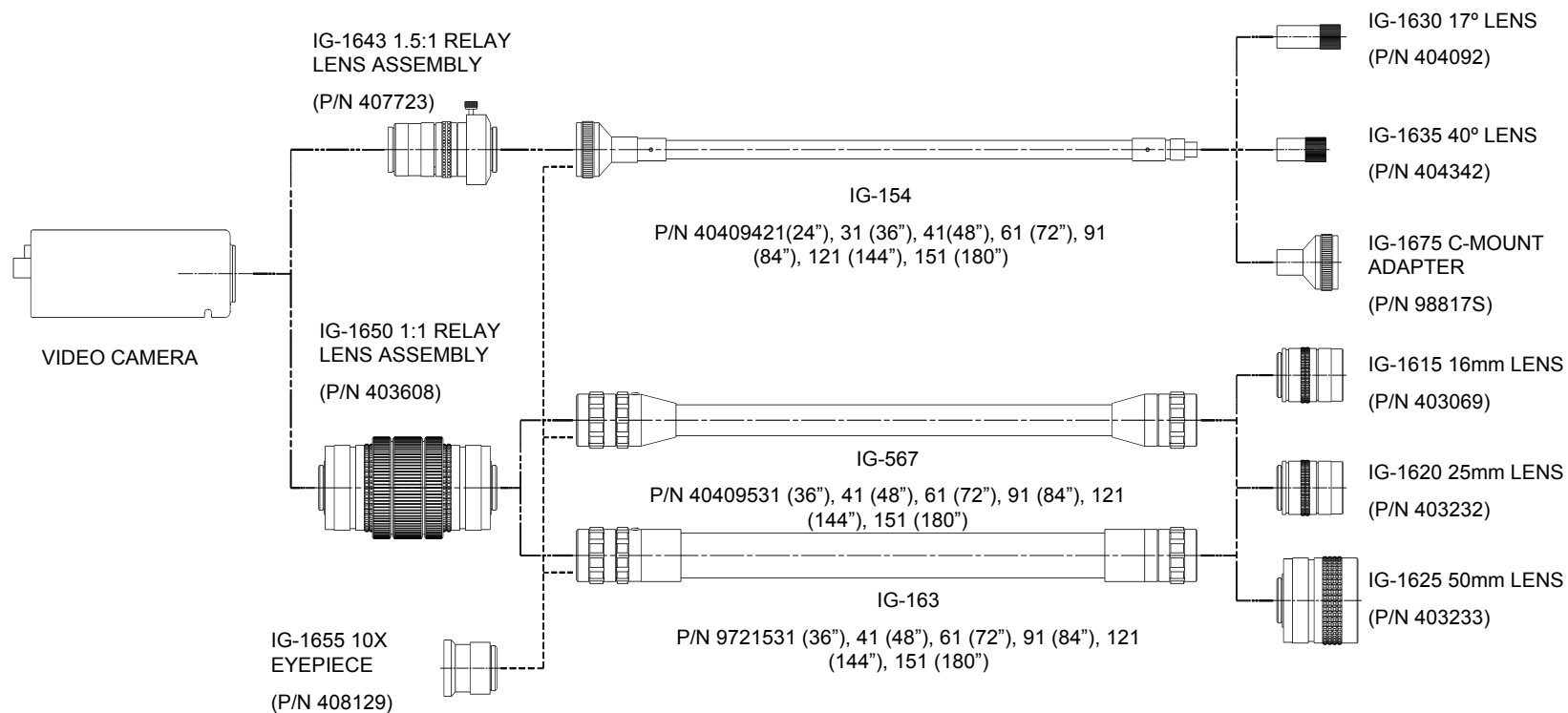
FOR SFO USE ONLY:
 Quote No.: _____ Received: _____ Due: _____

Wound Image Bundles Standard Products

Specifications	IG-154	IG-567	IG163
Mechanical:			
Max O.D.	0.5 in (12.7mm)	1.25 in (32mm)	1.25 in (3.2mm)
Construction	Multi-element	Multi-element	Multi-element
N.A.	0.63	0.63	0.63
Bend radius	2.0 in (51mm)	4.0 in (101mm)	6.0 in (152mm)
Max. Temperature	200° F (93° C)	250° F (121° C)	250° F (121° C)
Lengths	24,36,48,72,108,150,180 in. 61,91,122,183, 274, 381, 457 cm	24,36,48,72,108,150,180 in. 61,91,122,183, 274, 381, 457 cm	36,48,72,108,150,180 in. 91,122,183, 274, 381, 457 cm
Sheathing	Interlocked "stayput" stainless steel hose with polyolefin cover	Interlocked "stayput" stainless steel hose with polyolefin cover	Teflon inner core, stainless steel braid cover
End tip	C' Mount adapter	C' Mount adapter (2.3 Vidicon)	C' Mount adapter (2.3 Vidicon removable)
Optical:			
Format (size)	.157 in x .157 in. 4mm x 4mm	.196 in x .263 in. 5mm x 6.7mm	.314 in x .393 in. 8mm x 10mm
Element size	10 microns	10 microns	10 microns
Resolution	50 LP/mm	50 LP/mm	50 LP/mm
Objective lens	6mm, 13mm, 16mm 25mm, 50mm	16mm, 25mm, 50mm	16mm, 25mm, 50mm



Standard Wound Image Bundles Lens Configurations



Wound Image Bundle Price List

MODEL	PART NUMBER	PRICE	FLEXIBLE LENGTH	DESCRIPTION
IG-154-24	40409421	\$2,700	21"/53CM	Flexible .500" diameter cable 4mm x 4mm Format +/- .2mm
IG-154-36	40409431	\$3,000	33"/83CM	
IG-154-48	40409441	\$3,100	45"/114CM	
IG-154-72	40409461	\$3,200	69"/175CM	
IG-154-108	40409491	\$4,100	105"/268CM	
IG-154-150	404094121	\$5,000	147"/373CM	
IG-154-180	404094151	\$5,700	177"/449CM	
IG-567-36	40409531	\$3,700	32"/81CM	Flexible 1.300" diameter cable 5mm x 6.7mm Format +/- .2mm
IG-567-48	40409541	\$4,100	41"/104CM	
IG-567-72	40409561	\$4,500	68"/172CM	
IG-567-108	40409591	\$5,500	104"/264CM	
IG-567-150	404095121	\$8,200	146"/370CM	
IG-567-180	404095151	\$8,500	176"/446CM	
IG-163-36	9721531	\$6,000	32"/81CM	Flexible 1.300" diameter cable 8mm x 10mmFormat +/- .2mm
IG-163-48	9721541	\$6,200	45"/114CM	
IG-163-72	9721561	\$7,700	68"/172CM	
IG-163-108	9721591	\$10,200	104"/264CM	
IG-163-150	97215121	\$12,400	146"/370CM	
IG-163-180	97215151	\$13,900	176"/446CM	

Effective : 11/1/2004

Prices based on order quantity of 1-5 / Please inquire for higher quantity pricing

PRICES, SPECIFICATIONS AND TERMS OF SALE ARE SUBJECT TO CHANGE WITHOUT NOTICE

Lens System Price List

MODEL	PART NUMBER	PRICE	DESCRIPTION
IG-1615	403069	\$220	16mm Obj. Lens (20deg FOV) for use with IG-567/163
IG-1620	403232	\$230	25mm Obj. Lens (12 deg FOV) for use with IG-567/163
IG-1625	403233	\$250	50mm Obj. Lens (7 deg FOV) for use with IG-567/163
IG-1635	404342	\$310	6mm Obj. Lens (40 deg FOV) for use with IG-154
IG-1640	403064	\$310	60 Deg Viewing attach. Use with IG-154. Requires IG-1630
IG-1643	407723	\$540	Relay Lens (1-1/2:1) for use with IG-154
IG-1650	403608	\$1,100	Relay Lens (1:1) for use with IG-567/163
IG-1655	408129	\$320	B-Style Photographic 10x eyepiece for use with all image guides
IG-1675	98817S	\$105	C-Mount lens adapter for use with IG-154

Effective : 11/1/2004

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