

Schott Fiber Optics

Wound Fiber Bundle

Checklists and Drawings



“around the world, around the clock”

Standard Product Offering

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

"around the world, around the clock"

How to specify a Wound Imaging Bundle

WOUND IMAGE BUNDLE RFQ		<i>(Please refer to other side for additional information...)</i>
Company: _____ Address: _____ City: _____ State: _____ Zip: _____		Contact: _____ Phone: _____ Fax: _____ Date: _____ Customer Approval: _____
DISTAL END ENDTIP "A" LENGTH: _____ +/-0.06" STEP "A" LENGTH: _____ +/-0.06" STEP "A" DIA.: _____ +/-0.002" ENDTIP "A" MAX. DIA.: _____	<p style="text-align: center;">OVERALL LENGTH: _____ +0 -2.0" FLEXIBLE LENGTH: _____ +0 -2.12"</p> <p style="text-align: center;">SHEATHING: <input type="checkbox"/> MONOCOIL WITH PVC COVER <input type="checkbox"/> CONVOLUTED - PVC OR TEFLON <input type="checkbox"/> CONVOLUTED - PVC OR TEFLON WITH STAINLESS STEEL OVERBRAID</p>	PROXIMAL END ENDTIP "B" LENGTH: _____ +/-0.06" STEP "B" LENGTH: _____ +/-0.06" STEP "B" DIA.: _____ +/-0.002" ENDTIP "B" MAX. DIA.: _____
IMAGE BUNDLE END VIEW <p style="text-align: right;">ENDTIP STEP DIA. (REF) QUALITY AREA: _____ N.A.: _____</p> <p style="text-align: right;"><small>NUMERICAL APERTURE TO BE DETERMINED BY SFO BASED ON OTHER SPECIFICATIONS AS NOTED ON THIS SHEET.</small></p>		
IMAGE QUALITY SPECIFICATION IN QUALITY AREA: <input type="checkbox"/> STANDARD: 0.2% BROKEN MULTIFIBERS (< 12' LENGTHS) 0.3% BROKEN MULTIFIBERS (> 12' LENGTHS) 0.001" COHERENCY NO MISPLACED MULTIFIBERS <input type="checkbox"/> CUSTOM: _____		Special Requirements: <hr/> FOR SFO USE ONLY: Quote No.: _____ Received: _____ Due: _____

"around the world, around the clock"

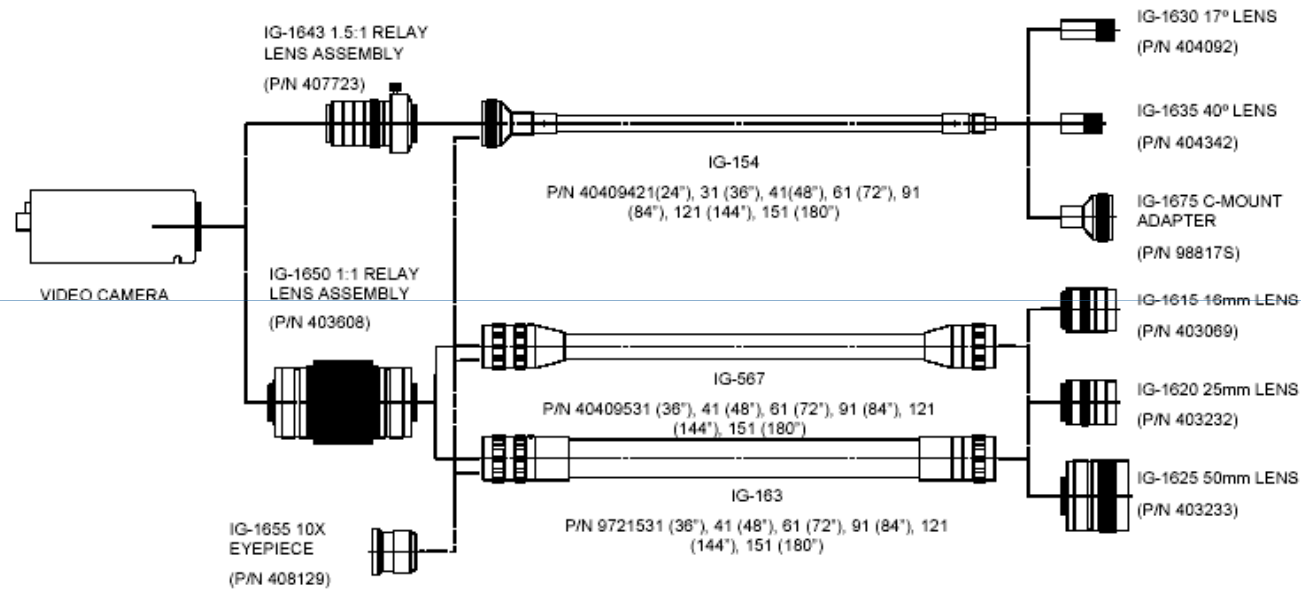
Standard Product Offering

Schott Fiber Optics

A Division of Schott North America, Inc.

1 Jan 2003

Standard Wound Image Bundles Lens Configurations



SCHOTT

"around the world, around the clock"

