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TECHSPEC® High Performance Mounted Machine Vision Filters



- Optimized for Use with Popular LEDs
- Multiple Mounting Sizes and Threads Available to Ease System Compatibility
- Extremely High and Flat Transmission Profiles Provide Even Illumination

Common Specifications

Physical & Mechanical Properties

Construction:	Mounted in Black Anodized Ring	Substrate Thickness (mm):	1.75 ±0.10
Physical Durability:	Adhesion per MIL-PRF-13830B, Section C.4.5.12 Moderate abrasion per MIL-PRF-13830B, Section C.4.5.11 Cleaning per MIL-C-48497A Section 4.5.4.2		

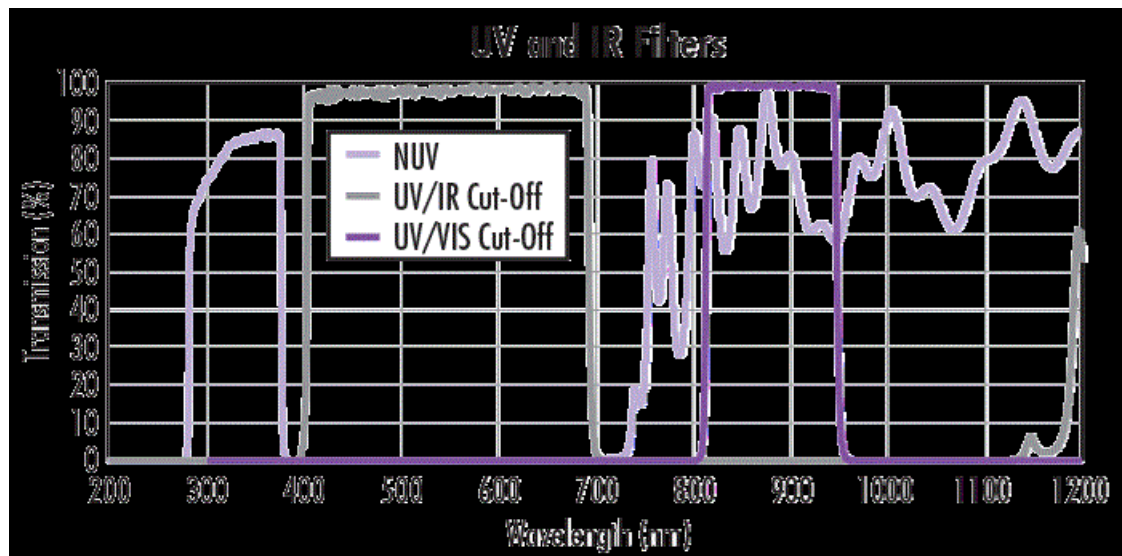
Optical Properties

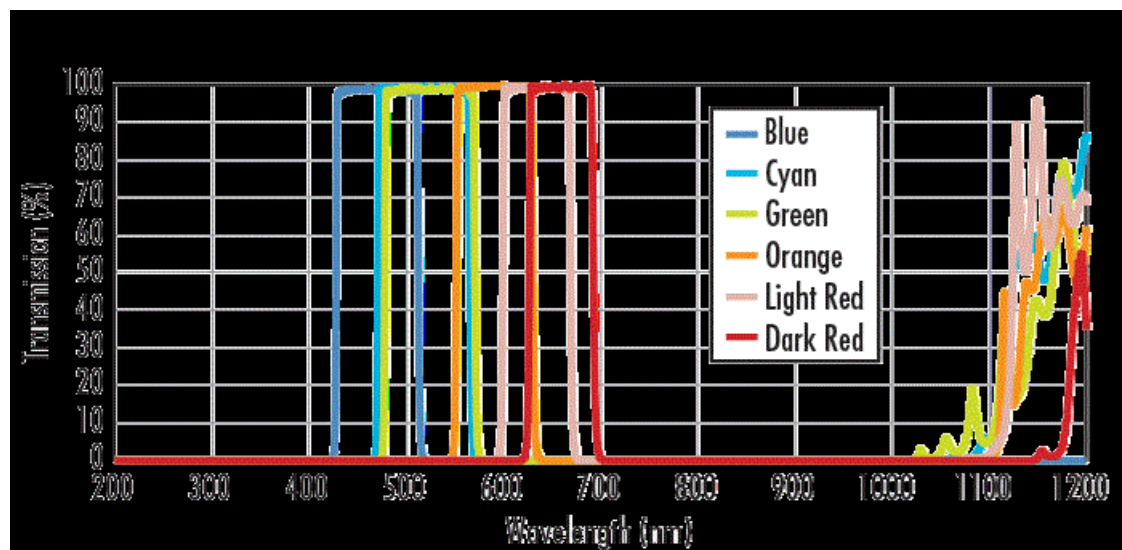
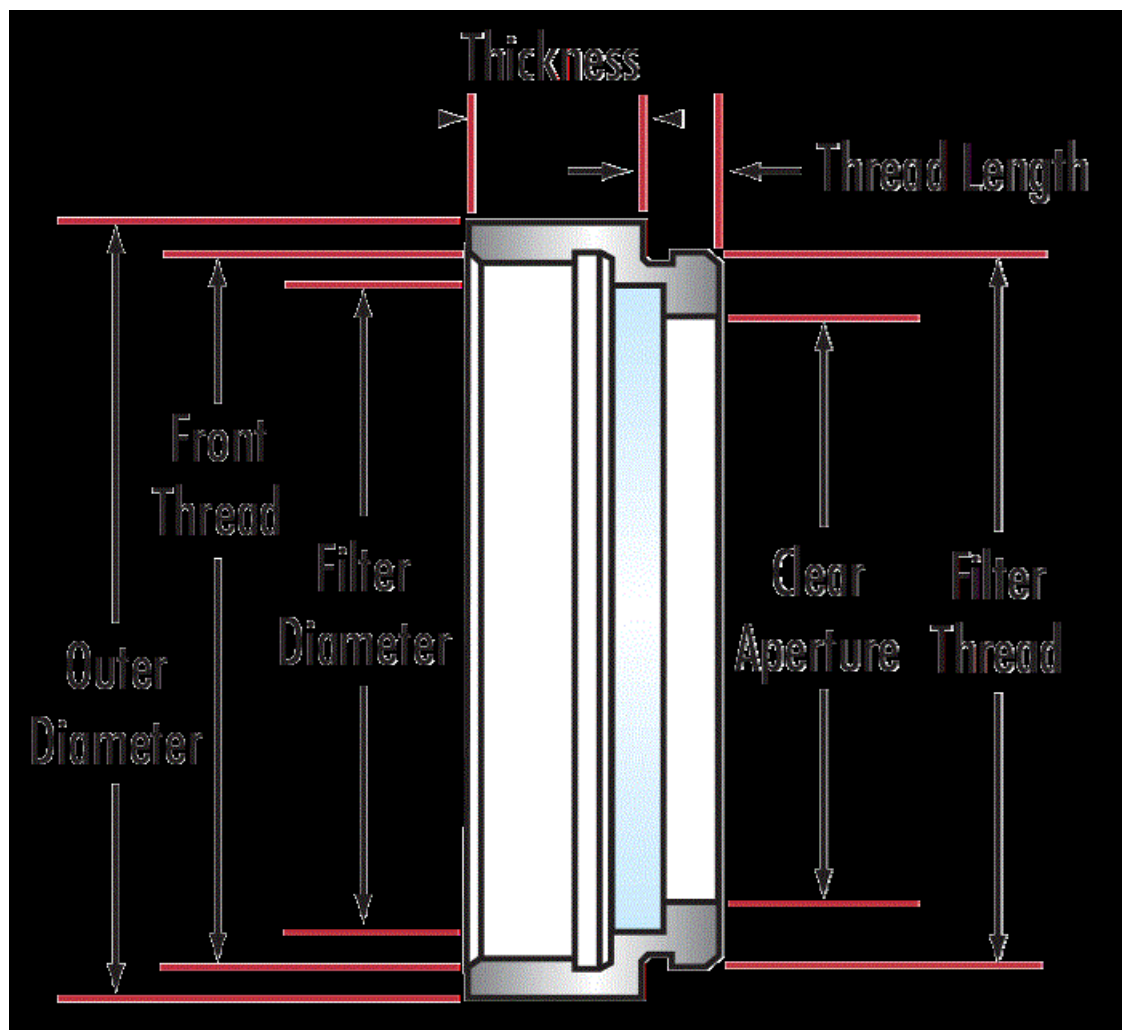
Coating:	Hard Coated
Optical Density OD (Average):	≥3.0

Environmental & Durability Factors

Environmental Durability:	Humidity per MIL-STD-810H, Section 507.6 Temperature per MIL-STD-810H, Section 501.7 and 502.7
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Technical Information





Color Machine Vision Filters

Products

Filter Thread	Color	CWL (nm)	FWHM (nm)	Stock Number	Price	Buy
M25.5 x 0.50	Light Red	633.00	70.00	#89-814	S\$263.20 Volume Pricing	5 In Stock
M25.5 x 0.50	Dark Red	660.00	66.00	#89-824	S\$263.20 Volume Pricing	7 In Stock
M25.5 x 0.50	Green	525.00	92.00	#89-784	S\$281.40 Volume Pricing	5 In Stock
M25.5 x 0.50	Blue	470.00	85.00	#89-764	S\$263.20 Volume Pricing	Contact Us
M25.5 x 0.50	IR	880.00	135.00	#89-834	S\$263.20 Volume Pricing	5 In Stock
M25.5 x 0.50	VIS	548.00	290.00	#89-794	S\$263.20 Volume Pricing	5 In Stock
M30.5 x 0.50	Light Red	633.00	70.00	#89-815	S\$281.40 Volume Pricing	5 In Stock
M30.5 x 0.50	Dark Red	660.00	66.00	#89-825	S\$281.40 Volume Pricing	4 In Stock
M30.5 x 0.50	Green	525.00	92.00	#89-785	S\$281.40 Volume Pricing	4 In Stock
M30.5 x 0.50	Blue	470.00	85.00	#89-765	S\$281.40 Volume Pricing	3 In Stock
M30.5 x 0.50	IR	880.00	135.00	#89-835	S\$281.40 Volume Pricing	2 In Stock
M30.5 x 0.50	VIS	548.00	290.00	#89-795	S\$281.40 Volume Pricing	9 In Stock
M40.5 x 0.50	Light Red	633.00	70.00	#89-818	S\$352.80 Volume Pricing	2 In Stock
M40.5 x 0.50	Dark Red	660.00	66.00	#89-828	S\$352.80 Volume Pricing	2 In Stock
M40.5 x 0.50	Green	525.00	92.00	#89-788	S\$352.80 Volume Pricing	1 In Stock
M40.5 x 0.50	Blue	470.00	85.00	#89-768	S\$352.80 Volume Pricing	4 In Stock
M40.5 x 0.50	IR	880.00	135.00	#89-838	S\$352.80 Volume Pricing	3 In Stock

M40.5 x 0.50	VIS	548.00	290.00	#89-798	S\$352.80 Volume Pricing	8 In Stock
M43 x 0.75	Light Red	633.00	70.00	#89-819	S\$369.60 Volume Pricing	4 In Stock
M43 x 0.75	Dark Red	660.00	66.00	#89-829	S\$369.60 Volume Pricing	3 In Stock
M43 x 0.75	Green	525.00	92.00	#89-789	S\$369.60 Volume Pricing	2 In Stock
M43 x 0.75	Blue	470.00	85.00	#89-769	S\$369.60 Volume Pricing	4 In Stock
M43 x 0.75	IR	880.00	135.00	#89-839	S\$369.60 Volume Pricing	Contact Us
M43 x 0.75	VIS	548.00	290.00	#89-799	S\$369.60 Volume Pricing	4 In Stock
M62 x 0.75	Light Red	633.00	70.00	#89-822	S\$614.60 Volume Pricing	3 In Stock
M62 x 0.75	Dark Red	660.00	66.00	#89-832	S\$614.60 Volume Pricing	3 In Stock
M62 x 0.75	Green	525.00	92.00	#89-792	S\$614.60 Volume Pricing	2 In Stock
M62 x 0.75	Blue	470.00	85.00	#89-772	S\$614.60 Volume Pricing	2 In Stock
M62 x 0.75	IR	880.00	135.00	#89-842	S\$614.60 Volume Pricing	5 In Stock
M62 x 0.75	VIS	548.00	290.00	#89-802	S\$614.60 Volume Pricing	6 In Stock
M22.5 x 0.50	NUV	325.00	106.00	#89-753	S\$254.80 Volume Pricing	1 In Stock
M34 x 0.50	NUV	325.00	106.00	#89-756	S\$298.20 Volume Pricing	3 In Stock
M35.5 x 0.50	NUV	325.00	106.00	#89-757	S\$316.40 Volume Pricing	2 In Stock
M46 x 0.75	NUV	325.00	106.00	#89-760	S\$422.80 Volume Pricing	2 In Stock
M55 x 0.75	NUV	325.00	106.00	#89-761	S\$473.20 Volume Pricing	Contact Us
M22.5 x 0.50	Cyan	518.00	95.00	#89-773	S\$254.80 Volume Pricing	1 In Stock
M34 x 0.50	Cyan	518.00	95.00	#89-776	S\$298.20 Volume Pricing	Contact Us

M35.5 x 0.50	Cyan	518.00	95.00	#89-777	S\$316.40 Volume Pricing	3 In Stock
M46 x 0.75	Cyan	518.00	95.00	#89-780	S\$422.80 Volume Pricing	1 In Stock
M55 x 0.75	Cyan	518.00	95.00	#89-781	S\$473.20 Volume Pricing	Contact Us
M22.5 x 0.50	Orange	590.00	78.00	#89-803	S\$254.80 Volume Pricing	2 In Stock
M34 x 0.50	Orange	590.00	78.00	#89-806	S\$299.60 Volume Pricing	Contact Us
M35.5 x 0.50	Orange	590.00	78.00	#89-807	S\$316.40 Volume Pricing	2 In Stock
M46 x 0.75	Orange	590.00	78.00	#89-810	S\$422.80 Volume Pricing	Contact Us
M55 x 0.75	Orange	590.00	78.00	#89-811	S\$473.20 Volume Pricing	1 In Stock
M25.5 x 0.50	NUV	325.00	106.00	#89-754	S\$263.20 Volume Pricing	3 In Stock
M30.5 x 0.50	NUV	325.00	106.00	#89-755	S\$281.40 Volume Pricing	Contact Us
M40.5 x 0.50	NUV	325.00	106.00	#89-758	S\$352.80 Volume Pricing	Contact Us
M43 x 0.75	NUV	325.00	106.00	#89-759	S\$369.60 Volume Pricing	4 In Stock
M62 x 0.75	NUV	325.00	106.00	#89-762	S\$614.60 Volume Pricing	2 In Stock
M22.5 x 0.50	Blue	470.00	85.00	#89-763	S\$254.80 Volume Pricing	7 In Stock
M34 x 0.50	Blue	470.00	85.00	#89-766	S\$298.20 Volume Pricing	3 In Stock
M35.5 x 0.50	Blue	470.00	85.00	#89-767	S\$316.40 Volume Pricing	3 In Stock
M46 x 0.75	Blue	470.00	85.00	#89-770	S\$422.80 Volume Pricing	1 In Stock
M55 x 0.75	Blue	470.00	85.00	#89-771	S\$473.20 Volume Pricing	2 In Stock
M25.5 x 0.50	Cyan	518.00	95.00	#89-774	S\$263.20 Volume Pricing	3 In Stock
M30.5 x 0.50	Cyan	518.00	95.00	#89-775	S\$281.40 Volume Pricing	1 In Stock

M40.5 x 0.50	Cyan	518.00	95.00	#89-778	S\$352.80 Volume Pricing	2 In Stock
M43 x 0.75	Cyan	518.00	95.00	#89-779	S\$369.60 Volume Pricing	4 In Stock
M62 x 0.75	Cyan	518.00	95.00	#89-782	S\$614.60 Volume Pricing	1 In Stock
M22.5 x 0.50	Green	525.00	92.00	#89-783	S\$254.80 Volume Pricing	1 In Stock
M34 x 0.50	Green	525.00	92.00	#89-786	S\$298.20 Volume Pricing	6 In Stock
M35.5 x 0.50	Green	525.00	92.00	#89-787	S\$316.40 Volume Pricing	2 In Stock
M46 x 0.75	Green	525.00	92.00	#89-790	S\$422.80 Volume Pricing	1 In Stock
M55 x 0.75	Green	525.00	92.00	#89-791	S\$473.20 Volume Pricing	2 In Stock
M22.5 x 0.50	VIS	548.00	290.00	#89-793	S\$254.80 Volume Pricing	3 In Stock
M34 x 0.50	VIS	548.00	290.00	#89-796	S\$298.20 Volume Pricing	20+ In Stock
M35.5 x 0.50	VIS	548.00	290.00	#89-797	S\$316.40 Volume Pricing	6 In Stock
M46 x 0.75	VIS	548.00	290.00	#89-800	S\$422.80 Volume Pricing	5 In Stock
M55 x 0.75	VIS	548.00	290.00	#89-801	S\$473.20 Volume Pricing	5 In Stock
M25.5 x 0.50	Orange	590.00	78.00	#89-804	S\$263.20 Volume Pricing	4 In Stock
M30.5 x 0.50	Orange	590.00	78.00	#89-805	S\$281.40 Volume Pricing	3 In Stock
M40.5 x 0.50	Orange	590.00	78.00	#89-808	S\$352.80 Volume Pricing	Contact Us
M43 x 0.75	Orange	590.00	78.00	#89-809	S\$369.60 Volume Pricing	2 In Stock
M62 x 0.75	Orange	590.00	78.00	#89-812	S\$614.60 Volume Pricing	3 In Stock
M22.5 x 0.50	Light Red	633.00	70.00	#89-813	S\$254.80 Volume Pricing	5 In Stock
M34 x 0.50	Light Red	633.00	70.00	#89-816	S\$298.20 Volume Pricing	2 In Stock

M35.5 x 0.50	Light Red	633.00	70.00	#89-817	S\$316.40 Volume Pricing	Contact Us
M46 x 0.75	Light Red	633.00	70.00	#89-820	S\$422.80 Volume Pricing	1 In Stock
M55 x 0.75	Light Red	633.00	70.00	#89-821	S\$473.20 Volume Pricing	3 In Stock
M22.5 x 0.50	Dark Red	660.00	66.00	#89-823	S\$254.80 Volume Pricing	2 In Stock
M34 x 0.50	Dark Red	660.00	66.00	#89-826	S\$298.20 Volume Pricing	7 In Stock
M35.5 x 0.50	Dark Red	660.00	66.00	#89-827	S\$316.40 Volume Pricing	3 In Stock
M46 x 0.75	Dark Red	660.00	66.00	#89-830	S\$422.80 Volume Pricing	3 In Stock
M55 x 0.75	Dark Red	660.00	66.00	#89-831	S\$473.20 Volume Pricing	Contact Us
M22.5 x 0.50	IR	880.00	135.00	#89-833	S\$254.80 Volume Pricing	3 In Stock
M34 x 0.50	IR	880.00	135.00	#89-836	S\$298.20 Volume Pricing	1 In Stock
M35.5 x 0.50	IR	880.00	135.00	#89-837	S\$316.40 Volume Pricing	8 In Stock
M46 x 0.75	IR	880.00	135.00	#89-840	S\$422.80 Volume Pricing	2 In Stock
M55 x 0.75	IR	880.00	135.00	#89-841	S\$473.20 Volume Pricing	4 In Stock



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