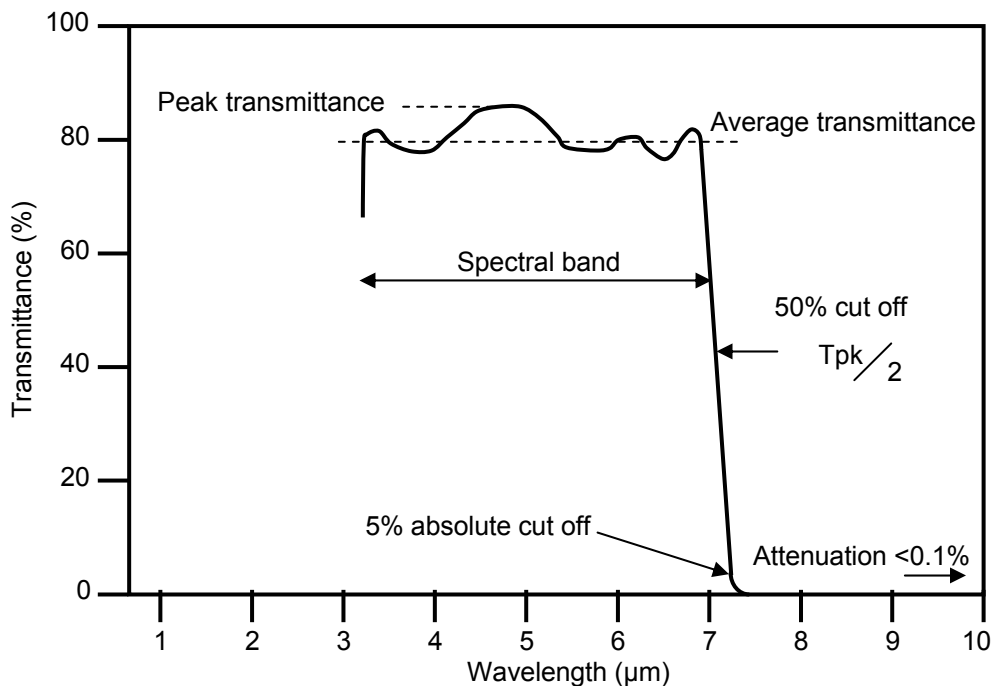




Short wave pass filters are distinguished by a sharp transition from a zone of transmission to a zone of rejection. The rejection region typically extends to the far infrared but can be limited for filters with edge positions below $2\mu\text{m}$. When ordering it is necessary to specify the 5% or 50% cut off edge position (the 5% point is measured as an absolute value but the 50% point is measured as 50% of peak transmittance).

TYPICAL PERFORMANCE



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TYPICAL CHARACTERISTICS

Available wavelength range	~1.8 to $20\mu\text{m}$ (edge position)
Edge tolerance	To customers requirements, from $\pm 1\%$ but standard tolerance $\pm 4\%$.
Average transmittance	Typically $> 75\%$ (depending on wavelength)
Cut off slope	Typically $< 5\%$
Blocking (attenuation)	Typically $< 0.1\%$ to far infrared



ISO 9001:2000

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