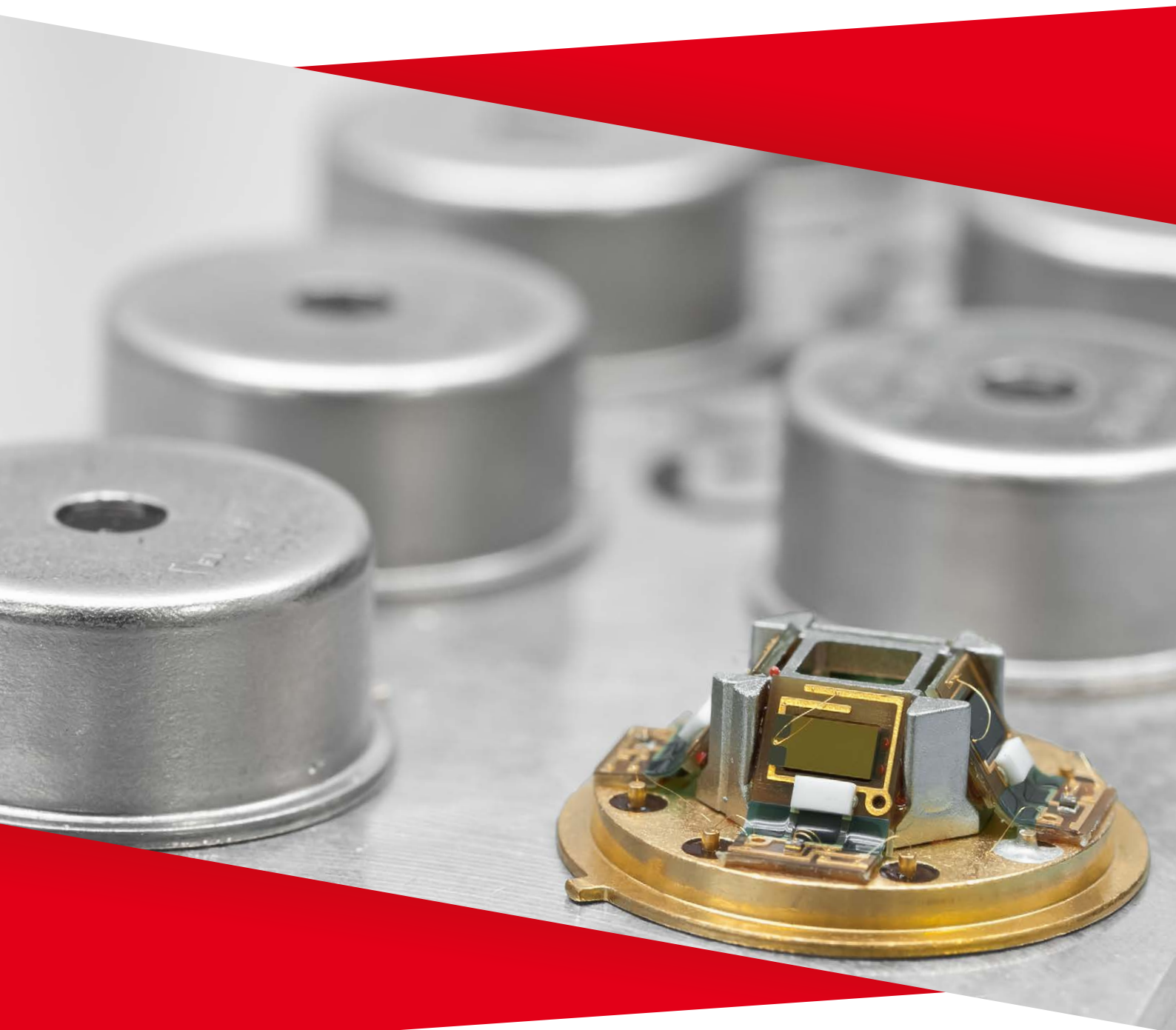


典型滤光片的光谱



INFRA^TEC.

2.4.9 标准窄带滤光片 NBP 透过率光谱图

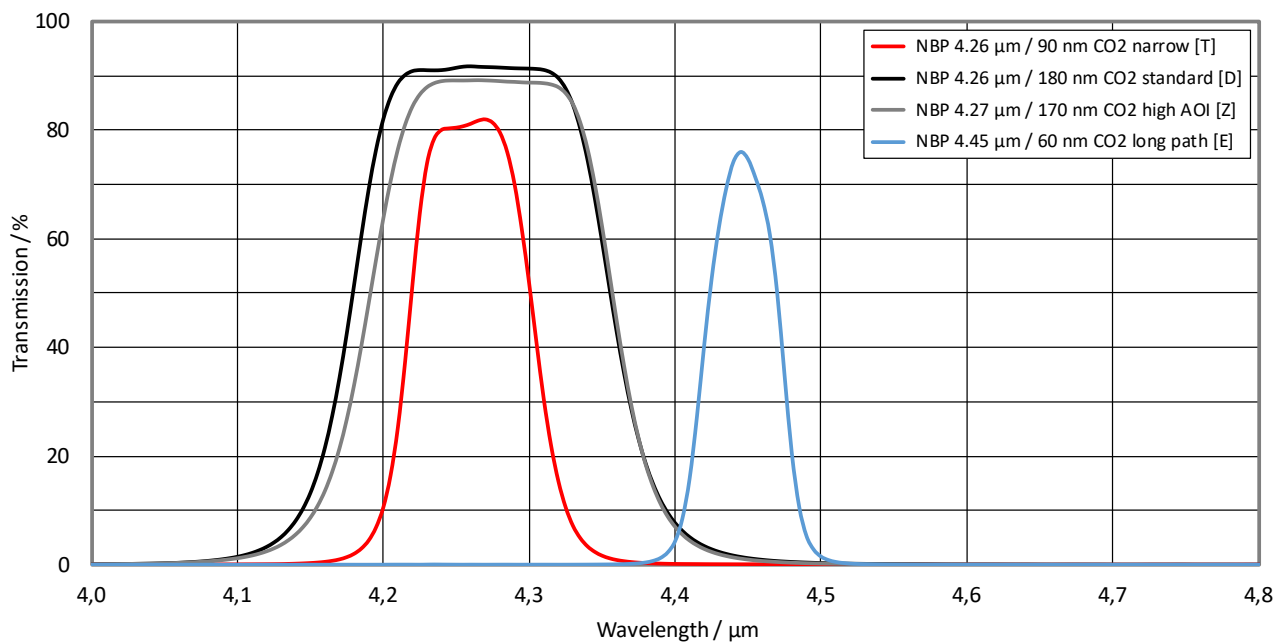


图 5: 用于二氧化碳检测的 NBP 滤光片

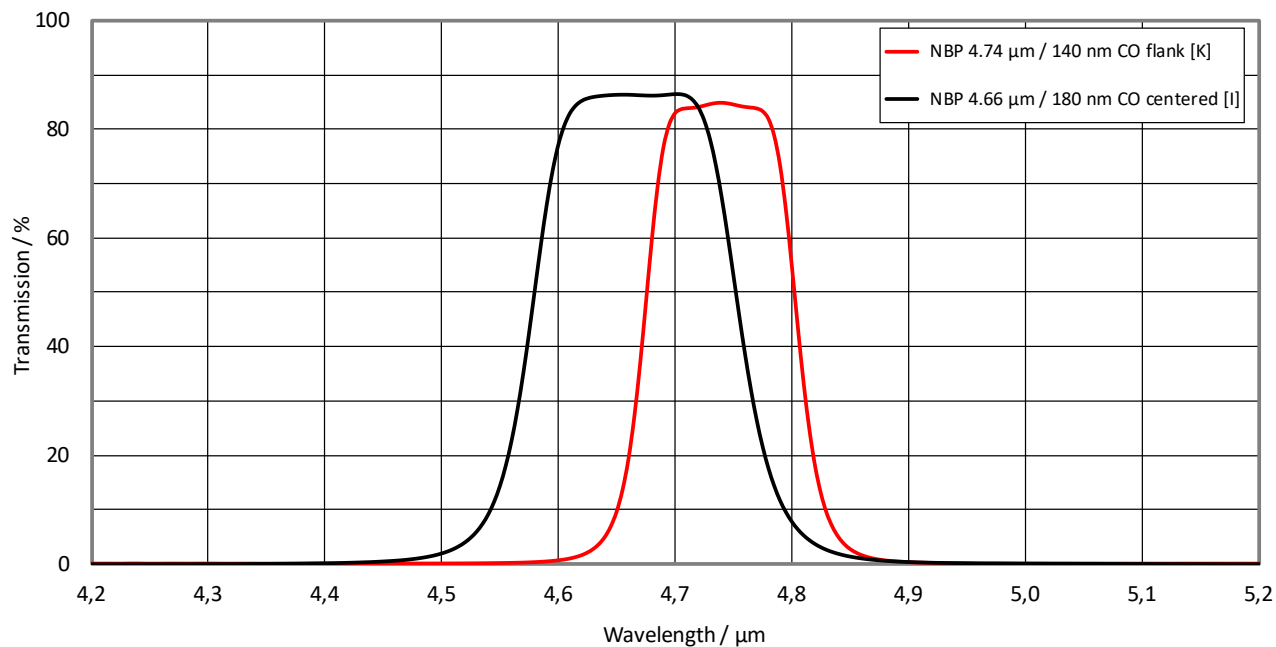


图 6: 用于一氧化碳检测的 NBP 滤光片

产品概览

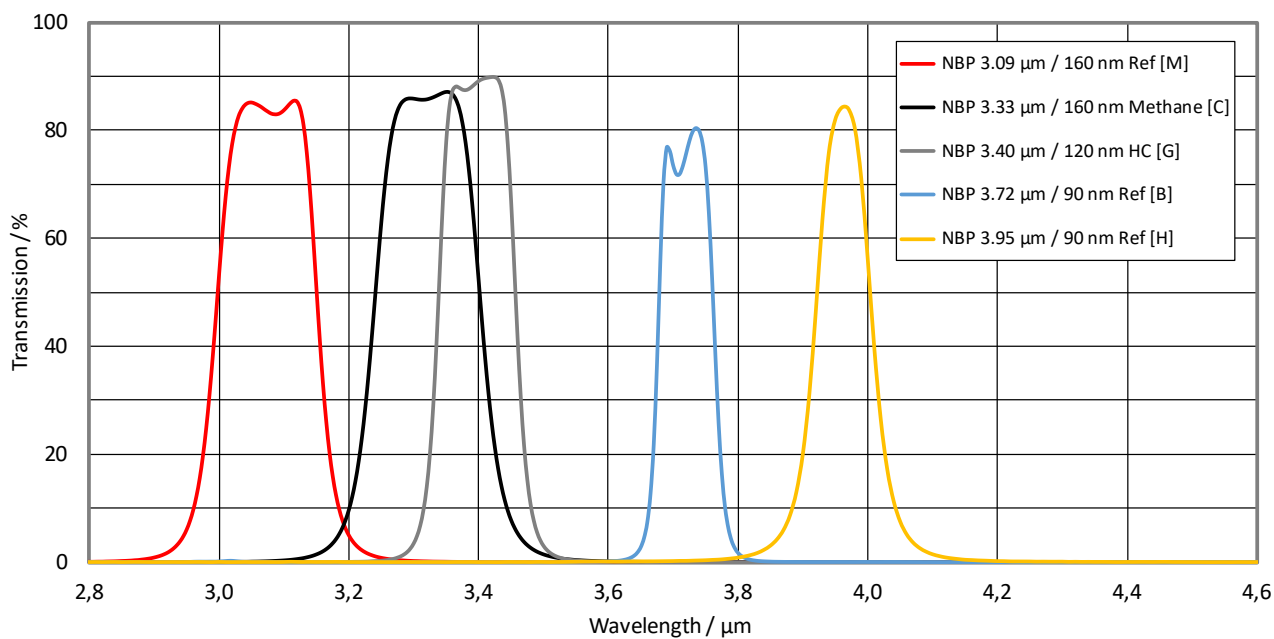


图 7: 用于碳氢化合物以及参考通道的 NBP 滤光片

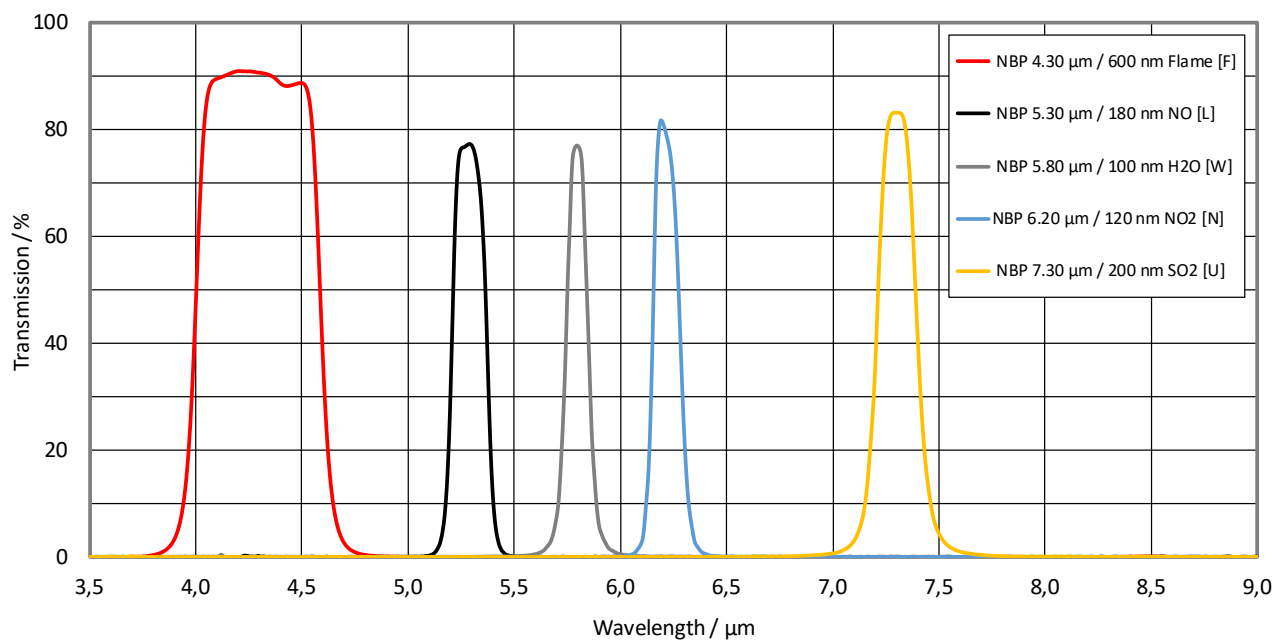


图 8: 用于火焰探测以及一氧化氮和二氧化硫检测的 NBP 滤光片

2.4.10 典型窗片的透过率光谱图

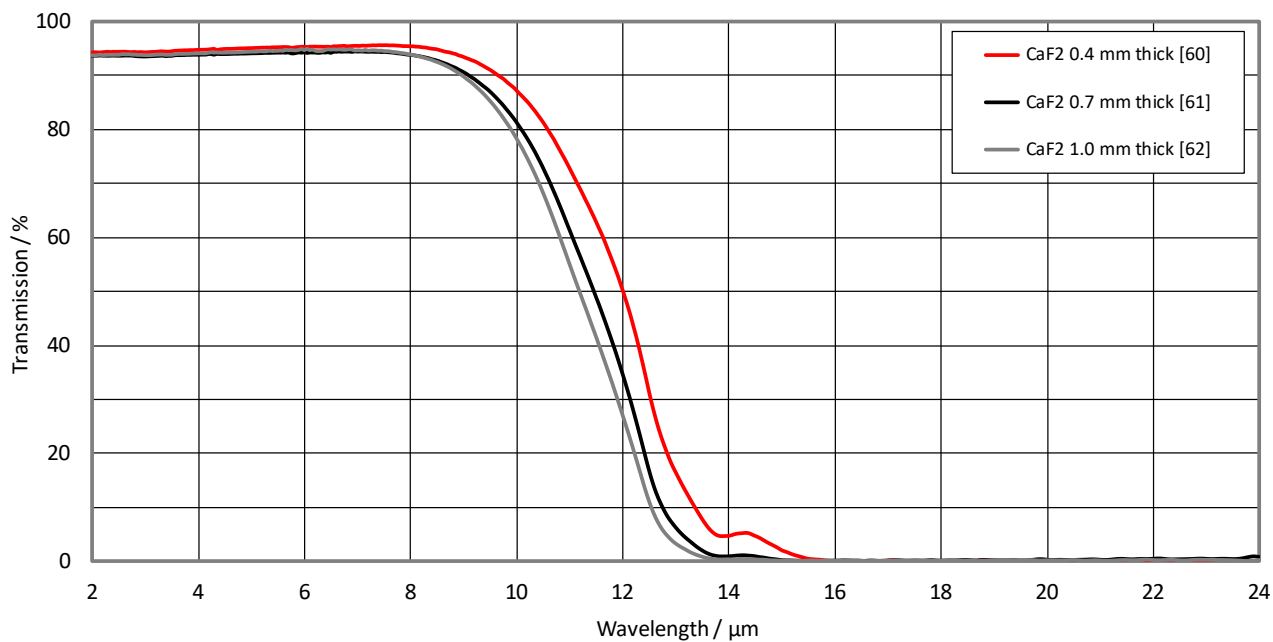


图9: 氟化钙

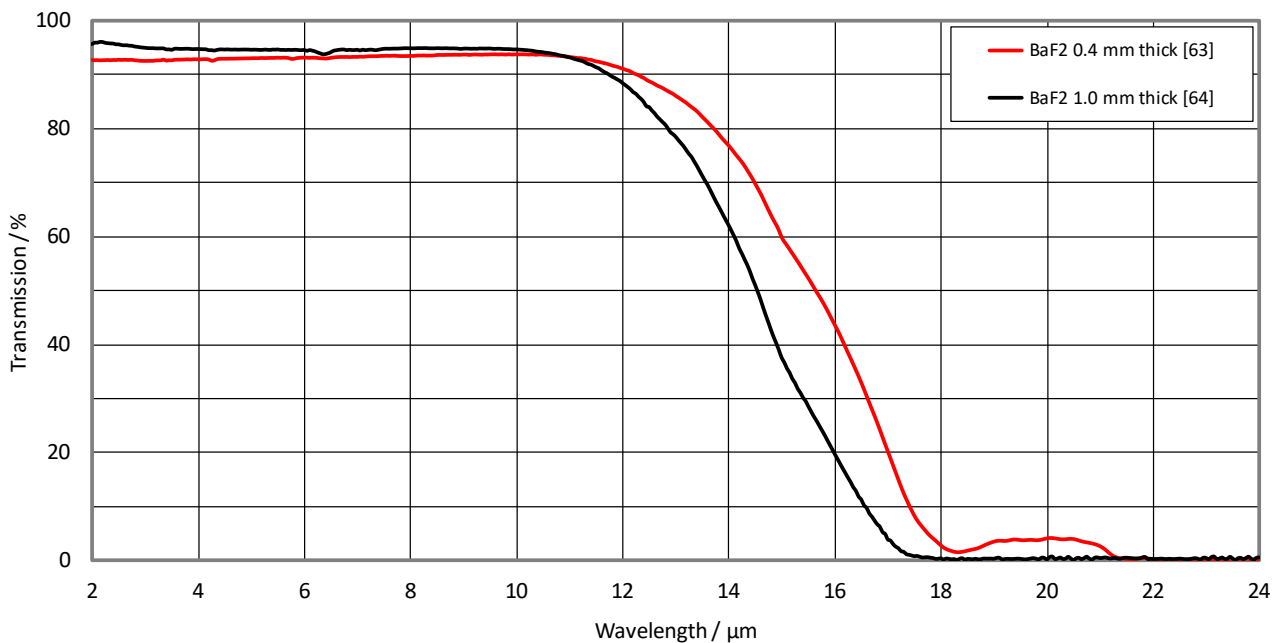


图10: 氟化钡

产品概览

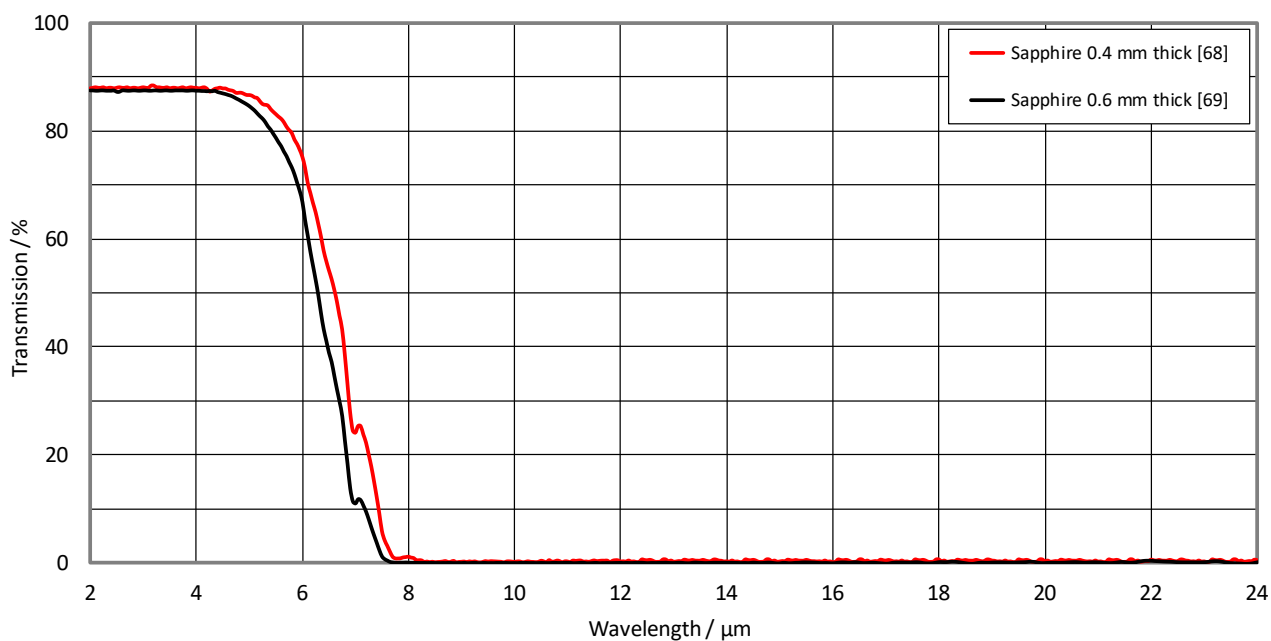


图 11: 蓝宝石

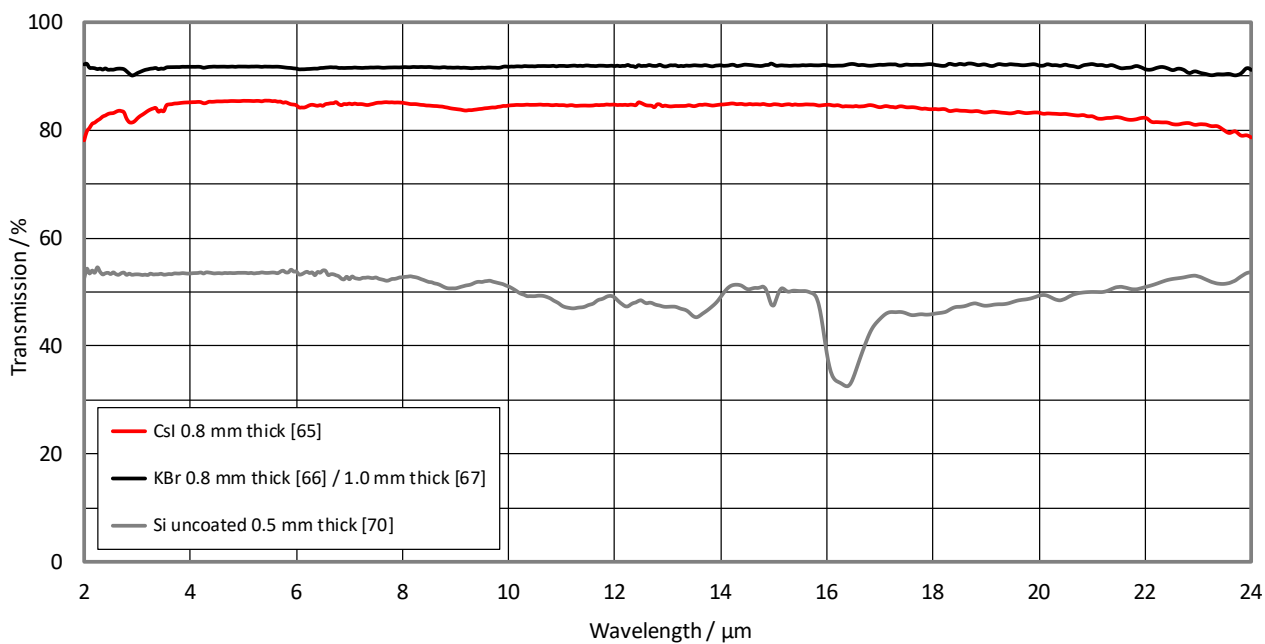


图 12: 超宽光谱透过率材料

产品概览

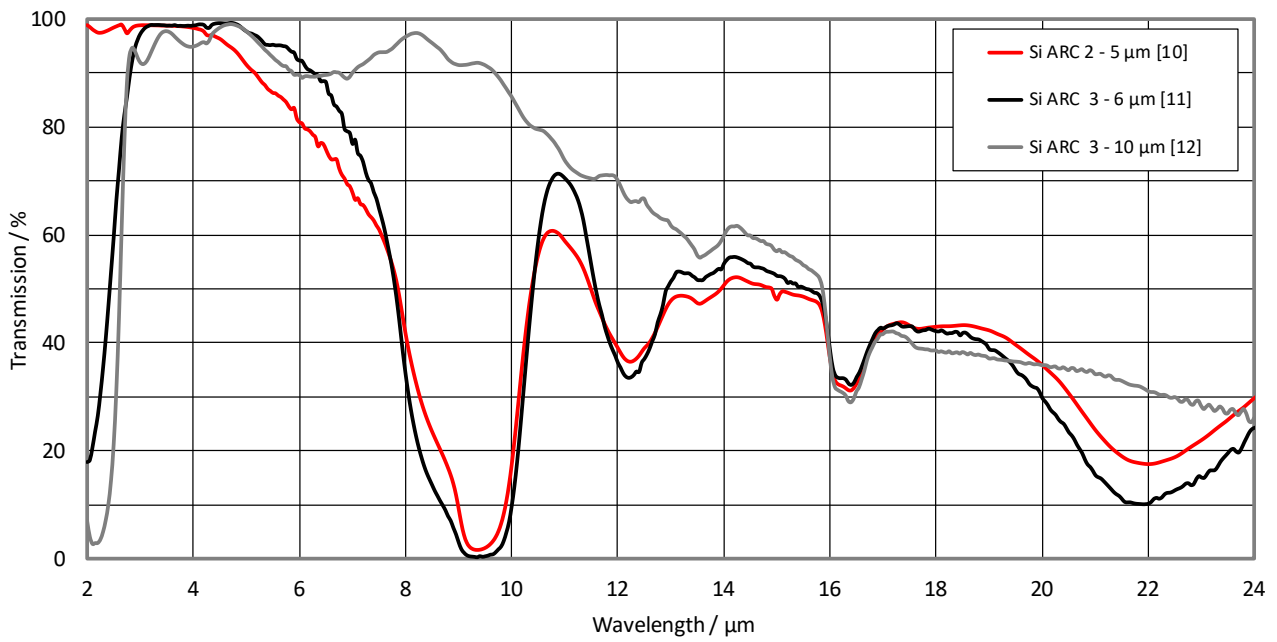


图 13: 减反膜硅基窗口

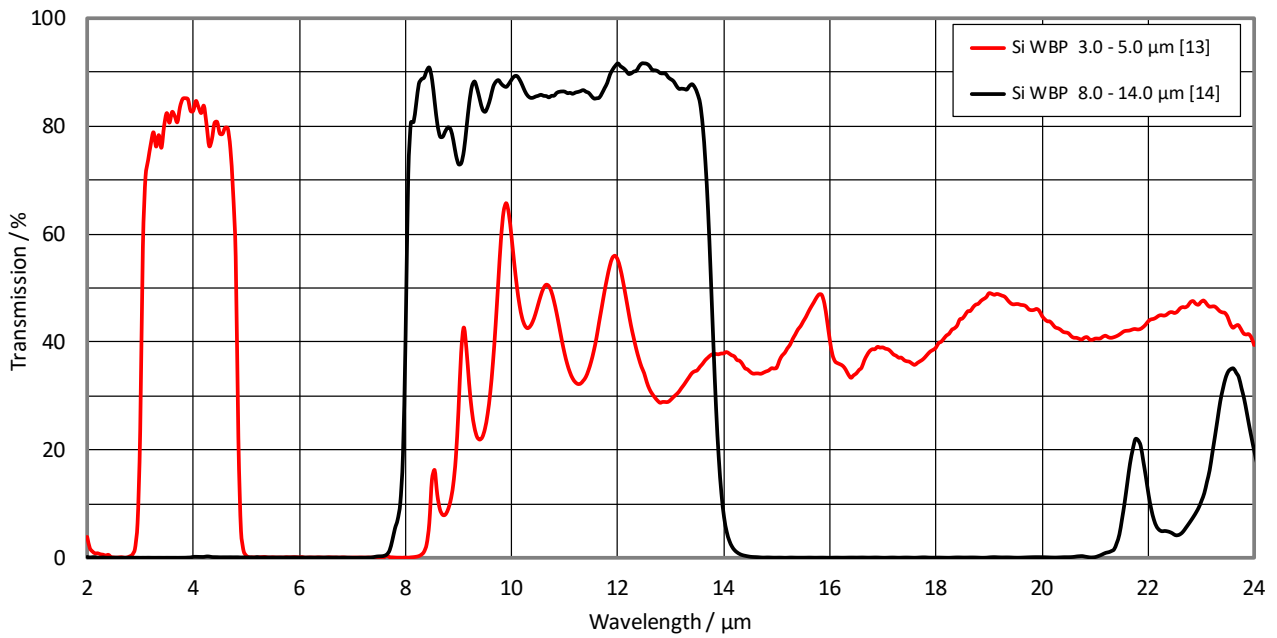
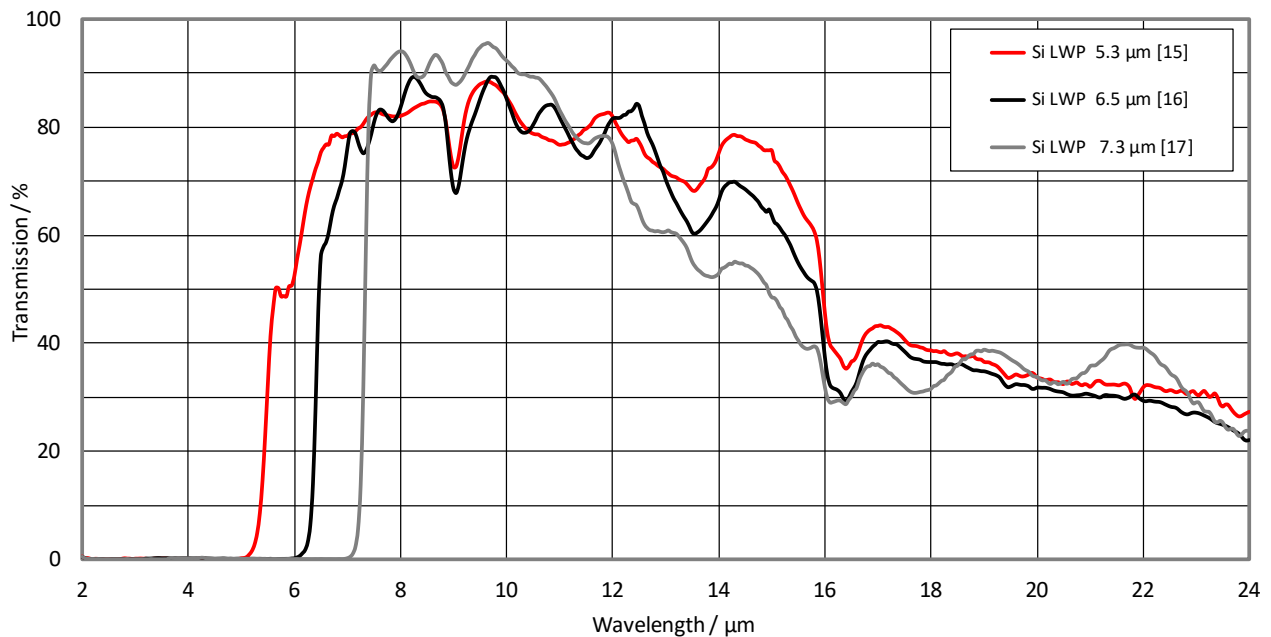


图 14: 硅基宽带通 (WBP)

产品概览



硅基长波带通 (LWP)

2.4.11 质量

InfraTec 公司生产的探测器自带的滤光片和窗片符合军方标准 MIL-F-48616, 此标准为美国军方采购红外干涉滤光片时采用的参数。目前军方已停止使用此标准, 但在非军事领域仍旧有效, 因为没有其他可以参考的类似标准。

- 表面质量标准: F-F
- 环境耐受性:
 - 使用温度 § 4.6.9.1
 - 耐潮湿性 § 4.6.8.2
 - 中等耐磨损性 § 4.6.8.3
 - 粘附性 § 4.6.8.1
 - 溶解性和可清洁程度 § 4.6.9.2



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