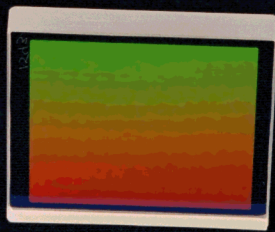
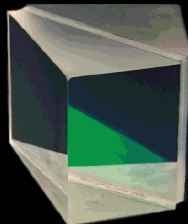



VPH Transmission Gratings for Telecom

	UltraSpec-HT940	UltraSpec-HT1350	UltraSpec-C160 & -L160
			
Key Benefits	Highest Efficiency Low PDL Most Economical	High Efficiency High Dispersion Low PDL	Ultra High Dispersion Low PDL
Applications	Compact DWDM fiber-to-fiber mux/demux and channel monitors	More Compact DWDM mux/demux and channel monitors	Very Compact DWDM channel monitors
Grating/Configuration	940 lines/mm, sealed	1350 lines/mm, sealed in prisms	1790.5 lines/mm, sealed in prisms (C160) 1742.0 lines/mm, sealed in prisms (L160)
Dispersion @ 1550 nm	0.08 degrees/nm	0.1 to 0.2 degrees/nm*	0.30 degrees/nm
Insertion Loss	< 0.7 dB	< 1.0 dB	< 6 dB
PDL	< 0.2 dB	< 0.5 dB	< 0.3 dB
Material	BK-7 or Fused Silica		
Environmental	Configurable to all levels of Telcordia GR-1221 requirements (e.g. CO, UNC, hermetic, non-hermetic)		
Size	Custom to 100 mm	Custom to 100 mm	30 x 30 x 10 mm, 16 grams
Comments	Ask about other wavelengths/specs.	*Dispersion varies with prism geometry. Ask about other wavelengths/specs.	Also available for extended L-band and dual-band L/C.