



Color Code
 Blue, Orange, Green, Brown, Slate,
 White, Red, Black, Yellow, Violet,
 Rose, Aqua

All Dimensions in mm, Unless Otherwise Noted.
 Inner Ribbon Cable Dimensions in Microns.

PHYSICAL

Inner Cable: (12) 50/125 Multimode Bonded Ribbon
 Strength Member: Aramid Fillers
 Jacket: PVDF, Orange
 Temp. Rating: -20°C to 70°C Operating
 -10°C to 60°C Storage
 Environmental: RoHS Compliant

Performance Parameters		
Attenuation	850nm (dB/km)	3.5 max
	1300 nm (dB/km)	1.5 max
Standard Bandwidth	1300 nM (MHz/km)	500 min
	850nM (MHz/km)	500 min
Prooftest	(kpsi)	100 min
Tensile Load	1500 N*	*Per IBM P51L8998 Specs
Compression	1000 N/cm*	
Impact	100 @ 0.75 N-m*	
Cable Flex	10,000 Cycles*	

Fiber Dimensions		
	Diameter(μM)	Numerical Aperture
Core	50 ± 2.5	0.200 ± 0.015
Cladding	125 ± 1	
Buffer	245 ± 10	

Print Legend: E23765 12 Fiber 50/125 (UL) Type OFNP RoHS Compliant <Date Code> <Foot Marks>

DRAWN	PROD ENG	QA	MKT	P/ECN#	DRAWING NO. 055-0302-012	AMPHENOL SPECTRA-STRIP 720 SHERMAN AVE TEL (203) 281-3200 HAMDEN CT 06514 FAX (203) 281-5872	Rev A
1/10/06	MANEJA			966	TITLE: 12F Plenum Simplex Optical Ribbon Cable, 50/125 Multi-Mode Fibers		SHEET 1 of 1