PRODUCT SPECIFICATIONS

TRUNK

DCS DATA CENTER SYSTEMS
A Hexatronic Group Company

General Specifications

Product Type	Fiber Assemblies										
Fiber Types	Available in:										
	• 50/125µm OM5 (TIA/EIA-492AAAE, Lime Green)			• 50/125µm OM2 (TIA/EIA-492AAAB-A, Orange)							
	• 50/125µm OM4 (TIA/EIA-492AAAD, Aqua / Erika violet)			• 62.5/125µm OM1 (TIA/EIA-492AAAA, Orange)							
	• 50/125µm OM3 (TIA/EIA-492AAAC-B, Aqua)			• 9/125µm OS2 (TIA/EIA-492CAAB, Yellow)							
Fiber Style	High Density Micro Distribution			Micro Distribution (2.0 mm 12 Fiber Sub-Groups)*							
Fiber Count	12	24		24	36	48	72	96	144		
Diameter (mm)	3.0	3.0		6.3	6.3	6.6	8.0	9.3	10.6		
	**Note: Dual wall heat-shrink add on 2.0 Non-MTP(MPO) sub-groups for increased durability.*										
Jacket Type	Plenum (CMP, OFNP) (Other jacket styles available upon request)										
Connector Type	All standard connector types (Special connectors available upon request)										
Optical Fiber Utilized*	Corning® ClearCurve® Multimode and Corning® SMF-28® Bend-Insensitive Fiber is used by default **Note: This is referencing the actual optical fiber glass and not the manufacturer who jacketed the fiber.*										
Fiber Attenuation	Multimode (OM1,OM2,OM3,OM4,OM5)			Single mode (OS2)							
	≤3.0dB/km @ 850nm (0.4dB per 100m)			≤0.4dB/km @ 1310nm							
	≤1.0dB/km @ 1300nm (0.2dB per 100m)			≤0.3dB/km @ 1550nm							
Polarity	Duplex Trunk Assemblies A-A or A-B (Field Reversible Polarity LC) (Reversible LC connectors are standard)			MTP(MPO) Trunk Assemblies Type A (Straight), Type B (Flipped), Type C (Crossed-Pairs)							
Testing	DCS			Return Loss*			Insertion Loss				
	100% factory tested (95% pass rate on 1st pass) and recorded by serial number.			UPC (SM)	≤-55dB		LC-MM	≤0.15dB/mated pair			
				APC (SM)	≤-60dB		LC-SM	≤0.25dB/mated pair			
							MTP-MM	≤0.25dB/mated pair			
							MTP-SM	≤0.35dB/mated pair			
	**Note: Return loss is standard on singlemode cable assemblies greater than 3 meters.*										
Labels	Standard labels on each end that contain the DCS Logo, part number/length, description and serial number. (Additional custom labeling available upon request.)										

Application

Data Centers, CATV (Cable Television), telecommunication networks, computer fiber networks and fiber test equipment, FTTH (Fiber to The Home), LAN (Local Area Network), FOS (fiber optic sensor), Fiber Optic Communication System, etc.

TO ORDER, CONTACT YOUR SALES REP, OR CALL US DIRECTLY: 972-620-4997 | salessupport@datacentersys.com | datacentersys.com