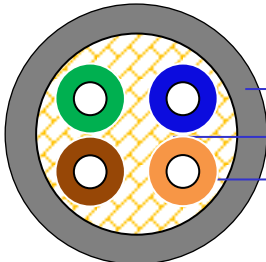


Cable Specifications Data Sheet			WI0301-TBF-DB-4111600300		
Description	4C-DB- LSZH -Indoor Optical Cable	Date	06-10-2015		
<div><div></div><div><div>1 . LSZH Jacket</div><div>2 . 900µm Buffered Jacket PA</div><div>3 . Kevlar</div></div></div>					
Specification:					
Fiber Type	BSM G.652D	MM 50/125	MM 62.5/125		
Mode Field Diameter(µm)	9±0.7	50±2.0	62.5±3.0		
Cladding Diameter(µm)	125±0.1	125±0.2	125±0.2		
Attenuation	< 0.4dB@1310nm < 0.25dB@1550nm	< 3.0dB@850nm < 0.8dB@1300nm	< 3.2dB@850nm < 1.0dB@1300nm		
Core	4				
Fiber Color	Blue, Orange, Green, Brown				
Buffer Diameter	900µm ±0.50µm				
Buffer Material	PA				
Buffer Color	Nature				
Strength Member	Aramid Yarn 6000D				
Jacket Diameter(mm)	5.0 ±0.2 mm				
Jacket color / Material	Black/ LSZH				
Flammability Rating	LSZH,OFNR				
Cable Weight	≐ 17Kg/Km				
Tensile Strength	≤ 500N				
Bending Radius	~ 10 Ø(Cable O.D.)				
Install Temp. / Operating Temp	-40 ~ +80℃				
Minimum Bend Radius	7.5 mm				
Mechanical Test					
Item	Test Method		Spec (dB/km)		
Crush Resistance	TIA/EIA-455-41A		500 N/cm,10 mins ; 0.2dB↓		
Cable cyclic flexing	TIA/EIA-455-104A		30 Cycles ,1.5kg load; 0.2dB↓		
Impact Resistance	TIA/EIA-455-25B		25 Impacts ,1kg load; 0.2dB↓		
Twist test	TIA/EIA-455-85A		10cycles; 0.2dB↓		
Tensile loading and bending test	TIA/EIA-455-33A		450N load,10mins; 0.2dB↓		
Quality Assurance System ● Comply with IEC & EIA testing standards ● Approved by CHT, Taiwan. ● ISO9001 Certified.		Standard Printing			
		BSM	()C-Distribution-BSM		
		MM 50	()C-Distribution-MM 50		
		MM 62.5	()C-Distribution-MM 62.5/125		
Approved	Allen Tsai	Verify		Design	Micro
				Version	A

The information contained in this data sheet is subject to normal manufacturing tolerances. Specifications are subject to change without notice.