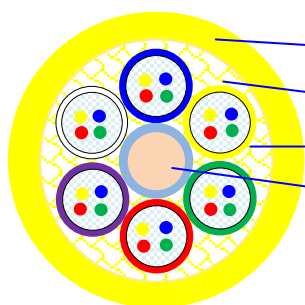


Cable Specifications Data Sheet		WI0301-MB-LSZHLZ-064224	
Description	24C-4MB-6T-LSZH-G657A1 Indoor Optical Cable	Date	04-17-2014



1. LSZH Sheath
2. Aramid Yarn 15,000D
3. Mini Bundle
4. FRP Central Member

Specification:

Fiber Type	G657A1		
CORE DIAMETER(μm)	9.0±0.7		
CLADDING DIAMETER(μm)	125±1		
Attenuation	< 0.4dB@1310nm < 0.25dB@1550nm		
Core	24		
Fiber Color	Blue 、 Yellow 、 Green 、 Red		
Mini-Bundle O.D./ Fiber Count	1.11±0.05mm;4Fibers		
Strength Member	Aramid Yarn 15000D		
Mini-Bundle Jacket	LSZH ; Blue 、 Yellow 、 Green 、 Red 、 Purple 、 White		
CSM / Broken Force	FRP / ≥ 135 Kgf		
Cable Diameter(mm)	5.6 mm ±0.1		
Jacket color / Material	Yellow / LSZH		
Flammability Rating	IEE 383-1974 or JIS C 3521		
Cable Weight	≒ 24Kg/Km		
Bending Radius	~10 Ø(Cable O.D.)		
Install Temp.	-20 ~ +70℃		
Operation Temp	-20 ~ +70℃		

Mechanical Test

Item	Test Method	Spec (dB/km)
Crush Resistance	TIA/EIA-455-41A or IEC 60794-1-2-E3	1kgf/mm , 10 mins; < 0. 2dB
Cable cyclic flexing	TIA/EIA-455-104A or IEC 60794-1-2-E6	25 Times , 4.0kgf load; < 0. 2dB
Impact Resistance	TIA/EIA -455-25B or IEC 60794-1-2-E4	20 Impacts , 1.5kgf load; < 0. 2dB
Twist test	TIA/EIA-455-85A or IEC 60794-1-2-E7	10 Times, 2M length ,10 mins; < 0. 2dB
Tensile loading and bending test	TIA/EIA-455-33A or IEC 60794-1-2-E1	135kgf load , 10mins;; < 0. 2dB

Quality Assurance System		Standard Print					
● Comply with IEC & EIA testing standards ● Approved by CHT, Taiwan. ● ISO9001 Certified.		0.4dB-24C- 4MB-6T -LSZH-G657A1					
Approved	Allen Tsai	Verify		Made	Mark Lu	Version	A

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