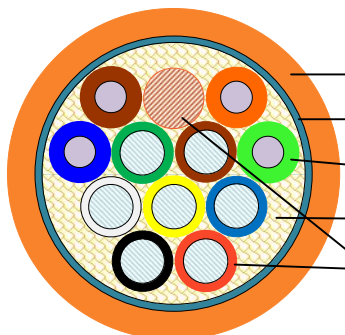


Cable Specifications Data Sheet		WI0301-TBF-DBHY07+6+1	
Description	HDMI Hybrid - 4C MM 62.5 and #28 AWG Tinning*7C +1C 0.65mm Solid Bare Copper- LSZH Cable	Date	22-05--2014



1. LSZH Jacket
2. AL-Mylar Tape
3. ϕ 600um LSZH MM 62.5 Cord *4
4. Aramid Yarn
5. ϕ 0.127mm #28 Tinning copper (0.127mm/7) * 7
6. ϕ 0.65mm Bare Solid Copper

Specification:

Fiber Type	MM 62.5/125	MM 50/125	Copper Item	AWM Wire	Bare solid
CORE DIAMETER(μ m)	62.5 $\pm$ 3.0	50 $\pm$ 2.0	Conductor	#28 (7 ϕ 0.127;Tinning)	0.65mm
CLADDING DIAMETER(μ m)	125 $\pm$ 2	125 $\pm$ 2	Count	7	1
Attenuation	< 3.0dB@850nm < 0.7dB@1300nm	< 3.0dB@850nm < 0.7dB@1300nm	Color of cord	Blue 、 Brown 、 Green 、 Yellow 、 Red 、 Black 、 White	Nature
Fiber Count	4	4	Material	PP	NA
Fiber Color	Nature				
Color of LSZH 600um	Blue 、 Orange 、 Green 、 Brown				
28AWG Cord Diameter (mm)	0.65 $\pm$ 0.05				
Strength Member	Aramid Yarn 9000D				
Jacket color / Material	Orange/LSZH				
Cable Diameter(mm)	4.8 $\pm$ 0.2				
UTP 30AWG x 1P Diameter	2.4 $\pm$ 0.14 mm; PVC Light Blue				
Flammability Rating	IEC 60332				
Cable Weight	$\approx$ 28.2Kg/Km				
Tensile Strength	$\leq$ 50kg				
Bending Radius	$\sim$ 10 ϕ (Cable O.D.)				
Operation Temp	-20 $\sim$ +60 $^{\circ}$ C				
Installation Temp	-20 $\sim$ +60 $^{\circ}$ C				

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	50kgf load , 10mins; < 0.2dB

Quality Assurance System	Standard Printing on cable
- Comply with IEC & EIA testing standards - Approved by CHT, Taiwan. - ISO9001 Certified.	HDMI Hybrid - 4C MM () and #28 Tinning x 7C +1C 0.65mm Solid Bare Copper- LSZH Optical Cable

Note: All specifications are subject to changed without prior notice.

Approved		Verify	Allen Tsai	Made	Mark Lu	Version	A
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The information contained in this data sheet is subject to normal manufacturing tolerances. Specifications are subject to change without notice.