

Technical specification/ Data sheet

LAN cable:

U/FTP CAT6A LSZH Dca

Content of the Data Sheet									
Sheath Printing	TBD								
Customer No.		Customer Reference							
Category	U/FTP- CAT6A-4P-LSZH(Dca,s1,d2,a1)								
Reference Standard	ISO/IEC11801 、ANSI/TIA-568.2-D								
Conductor	Material	SOLID-Bare Copper							
	Nom.O.D.(mm)	0.550	up	+0.005	down	-0.005			
Insulation	Material	Skin-foam-skin PE							
	Diameter	1.28±0.05 mm							
Screening Material	Al/Mylar	Drain wire	Yes						
Sheath	Thickness	0.55±0.1 mm							
	External O.D.	6.9±0.5 mm							
	Surface	Clean							
	Material	LSZH(Complies RoHS)							
	Color	TBD							
Surface Printing	Letter height	3.0±0.3mm							
	Color	Black							
	Print error & Space	≤±0.5%, 1m							
	Core Color	1 White/Blue	2 White/Orange						
3 White/Green		4 White/Brown							
Packing	Drum								
Packing length	305±1.5m								
Rip-cord	Yes								
Physical Properties	Before Aging Tensile Strength (Mpa)	≥10.0							
	Elongation(%)	≥125							
	Aging Period (°C×hrs)	100°C×24h×7d							
	After Aging Tensile Strength (Mpa)	≥8.0							
	Elongation(%)	≥100							
Electrical Characteristics (20°C)	Cold bend(-20±2°C×4h)	8×Cable O.D., No visible cracks							
	Impedance(Ω)	1.0-250.0MHz	100±15						
		250.0-500.0MHz	100±22						
	1.0-500.0MHz Delay Skew (ns/100m)	≤45							
	unbalanced-to-ground capacitance(pf/km)max	1600							
	DC Resistance (Ω/km) max	93.8							
	Resistance Unbalance within a pair (%) max	2.0							
Reaction to fire Classification: Dca,s1,d2,a1									
Acceptance criterion: FLUKE Permanent link test 90m, pass									
Version	A/01	Date	2019-07-24	Revised By	Caihangjie	Audited By	Yaojunxiang	Approved By	Wangdequan