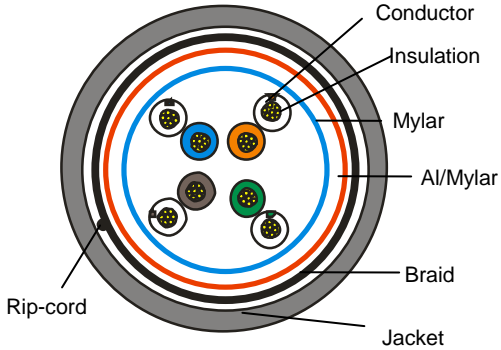


**REF: PATCH SF/UTP 4 pairs cable - category 5E - LSZH Sheath**

P/N: 40243307

Date	Prepared by	Checked by	Approved by	Version	Revision Declaration				
2016-03-11				A0					
Content of the Data Sheet									
Sheath Printing									
Customer reference									
Category	PATCH SF/UTP CAT5e-4P-LSZH-TC40								
Test Standard	ISO/IEC11801、TIA-568-C.2、YD/T1019								
Conductor	Material	Stranded-Bare Copper							
	Nom. O.D. (mm)	26AWG (7/0.16)							
Insulation	Material	HDPE							
	Diameter	0.85±0.04mm							
Color	A.Blue, White-Blue	B.Orange,White-Orange							
	C.Green,White-Green	D.Brown, White-Brown							
Inner Shield Material	Mylar+ Al/Mylar	Drain wire	No						
Braid	Tinned copper 0.10mm	Coverage	≥40%						
5. Sheath	Thickness	0.55±0.05 mm							
	External O.D.	5.7±0.4 mm							
	Surface	Clean,Frap,Satiation							
	Material	LSZH (complies RoHS)							
	Color	Multiple							
Surface Printing	Letter height	3.0±0.3mm							
	Color	Black							
	Print error & Space	≤0.5%、1m							
Packing	Carton, pallet								
Carton dimension	According to the requires								
Packing length	305±1.5m								
Out Jacket Physical Properties	Before Aging	Tensile Strength (Mpa)	≥10.0						
		Elongation (%)	≥125						
	Aging Period (°C xhrs)	100°C x24h x7d							
	After Aging	Tensile Strength (Mpa)	≥8.0						
		Elongation (%)	≥100						
	Cold bend (-20±2°C x4h)	No visible cracks							
Electrical Characteristics (20°C)	1.0-100.0MHz, Characteristic impedance (Ω)	100±15							
	1.0-100.0MHz, Delay Skew 20°C (ns/100m)	≤45							
	Unbalanced-to-ground capacitance (pf/100m) max	330							
	DC Resistance 20°C (Ω/100m) max	14.8							
	DC Conductor Resistance Unbalance (%)max	5.0							
									
					Technical Performance (≤30m):				
					Frequency	RL	ATT	NEXT	DELAY
					(MHz)	dB	dB	dB	ns
					1	20.0	3.3	65.3	570.00
					4.0	23.0	6.4	56.3	552.00
					8.0	24.5	8.7	51.8	546.73
					10.0	25.0	9.6	50.3	545.38
					16.0	25.0	12.3	47.2	543.00
					20.0	25.0	13.6	45.8	542.05
					25.0	24.3	15.2	44.3	541.20
					31.25	23.6	17.1	42.9	540.44
					62.5	21.5	24.8	38.4	538.55
					100	20.1	32.0	35.3	537.60
					Frequency	PSNEXT	ELFEXT	PSELFEXT	
					(MHz)	dB	dB	dB	
					1	62.3	63.8	60.8	
					4	53.3	51.8	48.8	
					8	48.8	45.7	42.7	
					10	47.3	43.8	40.8	
					16	44.4	39.7	36.7	
					20	42.8	37.8	34.8	
					25	41.3	35.8	32.8	
					31.25	39.9	33.9	30.9	
					62.5	35.4	27.9	24.9	
					100	32.3	23.8	20.8	