TECHNICAL DATA SHEET

25 pairs cable - category 3 - 16MHz - LSZH Sheath U/UTP

PN:

Customer No. Customer	Seference ZH C.2, EN 50173 SOLID-Bare Copper SOLID-Bare Copper O.470 Up HDPE O.83±0.05mm Gn./WhGn. Br./WhBr. Gr./ Gn./ BlaGn. Br./ PelBr. Gr./ Gn./ PelGn. Br./ PelBr. Gr./ Gn./ PelGn./ Pel		Technical Performance Frequency RL (MHz) > dB 1.0 12.0 1.0 12.0 16.0 9.95 Frequency PSNEXT (MHz) > dB	ATT	1. 4. 3. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5	DELAY ≤ ns ≤ ns 570.00 552.00 546.73 546.73 ≥ dB
mer No. lony ence land ductor cord slded ath eath	eer cee Copper Bare Copper Up 4-Gn. Br./NhBr. Gr./Gn. Br./NhBr. Gr./Gn. Br./ NelBr. Gr./Gn. Br./ NelBr. dr./ Sn. Br./ PurBr. dr./ Sn. Br./ PurBr. dr./ Sn. Br./ PurBr. dr./ Sn. Br./ PurBr. dr./ Sn. Br./ Snr./ Snr.		nice lenc	(100m) ATT ATT ATT ATT 13.1		DELAY ≤ ns 570.00 552.00 552.00 546.73 545.38 543.00
ence lard ductor cord slation ath ath	N 50173 Bare Copper Up 1 Down Ga. Br.WhBr. Gi. G. Br./ReBr. Gr./ Ga. Gr./ YelBr. dire. Br./ YelBr. dire. Br./ YelBr. dire. Br./ YelBr. dire. Br./ PurBr. dire. Br./ PurBr. dire. Cmm		nica nica	(100m) ATT ATT ATT ATT ATT 13.1		DELAY ≤ns 570.00 552.00 546.73 543.00 ≥dB >dB
ence ard ductor cord slded slded ath	Bare Copper Up + Down - O5mm - O5mm -6n. Br./ReBr. Gr./Br./RelBr. Cr./Br./RelBr. Cr./Br./Br. Br. Cr./Br./Br. Br. Cr./Br./Br. Br. Cr./Br./Br. Cr./Br./Br./Br. Cr./Br./Br./Br./Br./Br./Br./Br./Br./Br./B		nica lenc	(100m) ATT ATT A dB 5.6 5.6 9.7 13.1		DELAY ≤ ns 570.00 552.00 546.73 546.73 548.79 ≥ dB
ductor ductor cord slded ath	Bare Copper Up Down O5mm O5mm O6. Br./ReBr. Gr./Br./Br. Gr./Br./BrBr. Gr./BrBr. DGn. Br./ PurBr. Cmm 2 mm Omm		nice Jeno	(100m) ATT ATT ATT ATT 5.6 5.6 9.7 13.1		DELAY ≤ ns 570.00 552.00 552.00 546.73 545.38 543.00 546.73 39.00 9.00 9.00 9.00 9.00 9.00 9.00 9.
cord slation sath	Down John John		lical Period R ≥ 13 12 12 12 12 12 12 12	ATT ATT AdB 2.6 5.6 5.6 9.7 13.1		DELAY ≪ns 570.00 552.00 546.73 546.73 543.00 PSELFEXT
cord slded slded ce Printing ce Printing ng length			Technical Performing RL (MHz) ≥ dB 1 12.0 12.0 12.0 12.0 12.0 12.0 12.0 12	(100m) ATT ≤dB 2.6 5.6 8.5 9.7 13.1		DELAY ≪ ns 570.00 552.00 546.73 546.73 543.00 ≥ dB
cord sided ath ce Printing	.05mmGa. Br.WhBr. Gi -G. Br.ReBr. GrG. Br.ReBr. GrG. Br./ BaBrG. Br./ PelBrGa. Br./ PurBrire 2 mm -gmm -rap,Satiation		Technical Perfc (MHz) ≥ dB 1 12.0 1.0 12.0 8.0 12.0 10.0 12.0 16.0 9.95 Frequency PSNE (MHz) ≥ dB	(100m) ATT ≤dB 2.6 5.6 8.5 9.7 13.1		DELAY ≤ ns 570.00 552.00 546.73 545.38 543.00 ≥ dB
cord ath ath ag	-Ga. Br./Re-Br. Gr./ -Ga. Br./Re-Br. Gr./ -Ga. Br./ Rel-Br. Gr./ -Il-Ga. Br./ Yel-Br. Gr./ -Gr. Br./ Yel-Br. Gr./ -Gr. Br./ PurBrGr. Br./ Pu		Technical Performance RL (MHz) ≥ dB 1 12.0 12.0 8.0 12.0 10.0 10.0 10.0 10.0 10.0 10.0 10	(100m) ATT AdB 2.6 5.6 8.5 9.7 13.1		DELAY ≤ ns 570.00 552.00 546.73 546.73 548.38 548.38 548.39 548.39 548.39 69.30 69.30 69.30 69.30 69.
cord slded ath	-G. Br./ReBr. Gr./ -G. Br./ BlaBr. (IGn. Br./ Pell-Br. (IrGn. Br./ PurBr. ire 2 mm 0mm -rap,Satiation		tency (2)	ATT		DELAY
cord ath ath age and a length	aGn. Br./ BlaBr. ClGn. Br./ Yell-Br. (rrGn. Br./ PurBr. rire 2 mm Omm -rap,Satiation		2) [] [] [] [] [] [] [] [] [] [AdB 2.6 5.6 5.6 9.7 13.1		≤ns 570.00 552.00 546.73 545.38 543.00 PSELFEXT ≥dB
b)	AGn. Br./ YelBr. (IrGn. Br./ PurBr. ire 2 mm Omm -rap,Satiation		c) l l l l l l l l l l l l l l l l l l l	2.5 6 5.6 8.5 9.7 13.1		570.00 552.00 546.73 543.00 543.00 PSELFEXT ≥dB
5	ire Dur-Br. 2 mm Omm -rap,Satiation		rouck	5. 0 8. 5 9. 7 13. 1 XXT		552.00 546.73 545.38 543.00 PSELFEXT ≥dB
Yes Polyester Tape Thickness External O.D. Surface Material Color Color Color Color Drum 305±1.5m	atiation		Jency 25	9.7 13.1 EXT		940. 16 545. 38 543. 06 543. 06 ≥4B ≥4B
Polyester Tape Thickness External O.D. Surface Material Color Letter height Color Print error & Space Drum	2 mm 0mm rap,Satiation		s)	13. 1 EXT		543. 00 PSELFEXT ≥dB
Thickness External O.D. Surface Material Color Letter height Color Color Drum 305±1.5m	2 mm 0mm rap,Satiation				EXT B	PSELFEXT ≥dB
External O.D. Surface Material Color Letter height Color Print error & Space Drum	0mm rap,Satiation				Ωq	S %
Surface Material Color Letter height Color Color Drum 305±1.5m	rap,Satiation					30.0
Material Color Letter height Color Color Drum 305±1.5m				39.0	0 0	0.00
Color Letter height Color Print error & Space Drum 305±1.5m	LSZH (complies RoHS)		27.		n 51	20.9
Letter height Color Print error & Space Drum 305±1.5m			26.		0	19.0
g Color Print error & Space ≤±1%, Orum 305±1.5m	mm		16 33.3	14.9	on.	14.9
Print error & Space \$\frac{\pmathbf{\qmandbf{\pmath}\exi\q\antop\exi\exi\qnap\exi\exi\qanabbf{\q\nn}\exi\qanabb	antenier,	J Gris ia	bluces.			
	1m	i	•			
Before Aging Tensile Strength (Mpa) Elongation (%)	gth (Mpa) 6)	≥10.0 ≥125				
Sheath Aging Period ([:xhrs)		100□×24h×7d				
Properties After Aging Tensile Strength (Mpa) Properties Elongation (%)	th (Mpa) 6)	≥8.0 ≥100				
Cold bend (-20±2()×4h)	~	No visible cracks				
1.0-16.0MHz, Characteristic impedance (Ω)	npedance (Ω)	100±15				
Electrical 1.0-16.0MHz, Delay Skew 20 : ((ns/100m)	<45				
(20) DC Resistance 20°C(0./100m) max	max	11.5				
DC Conductor Resistance Unbalance (%)max	oalance (%)max	5.0				