




Sheath Printing	Per Request																																	
Category	UTP-ZST CAT 3-25P-PE																																	
Test Standard	ISO/IEC 11801, TIA-568-C.2 YD/T1019																																	
1. Conductor	Material	SOLID- Bare Copper																																
	Nom. O.D.(mm)	0.500	<table border="1"> <tr> <td>UP</td> <td>+0.01mm</td> </tr> <tr> <td>DOWN</td> <td>-0.01mm</td> </tr> </table>		UP	+0.01mm	DOWN	-0.01mm																										
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DOWN	-0.01mm																																	
2. Insulation	Material	HDPE																																
	Diameter	1.07±0.05mm																																
Color	Bl./ Wh.-Bl. Ora./Wh.-Ora. Gn./Wh.-Gn. Br./Wh.-Br. Gr./Wh.-Gr. Bl./ Re.-Bl. Ora./ Re.-Ora. Gn./ Re.-Gn. Br./ Re.-Br. Gr./ Re.-Gr. Bl./ Bla.-Bl. Ora./ Bla.-Ora. Gn./ Bla.-Gn. Br./ Bla.-Br. Gr./ Bla.-Gr. Bl./ Yel.-Bl. Ora./ Yel.-Ora. Gn./ Yel.-Gn. Br./ Yel.-Br. Gr./ Yel.-Gr. Bl./ Pur.-Bl. Ora./ Pur.-Ora. Gn./ Pur.-Gn. Br./ Pur.-Br. Gr./ Pur.-Gr.				Technical Performance (100m): <table border="1"> <thead> <tr> <th>Frequency (MHz)</th> <th>RL ≥dB</th> <th>ATT ≤dB</th> <th>NEXT ≥dB</th> <th>DELAY ≤ns</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>12.0</td> <td>2.6</td> <td>41.3</td> <td>570.00</td> </tr> <tr> <td>4.0</td> <td>12.0</td> <td>5.6</td> <td>32.3</td> <td>552.00</td> </tr> <tr> <td>8.0</td> <td>12.0</td> <td>8.5</td> <td>27.8</td> <td>546.73</td> </tr> <tr> <td>10.0</td> <td>12.0</td> <td>9.7</td> <td>26.3</td> <td>545.38</td> </tr> <tr> <td>16.0</td> <td>9.95</td> <td>13.1</td> <td>23.3</td> <td>543.00</td> </tr> </tbody> </table>	Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	DELAY ≤ns	1	12.0	2.6	41.3	570.00	4.0	12.0	5.6	32.3	552.00	8.0	12.0	8.5	27.8	546.73	10.0	12.0	9.7	26.3	545.38	16.0	9.95	13.1	23.3
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3. Rip-Cord	Yes	Drain Wire	NO																															
4. Shielded	Polyester Tape																																	
5. Sheath	Thickness	1.1±0.4 mm																																
	External O.D.	12.8 ±1.0 mm																																
	Surface	Clean, Frap, Satiation																																
	Material	LDPE(complies RoHS)																																
	Color	Black																																
Surface printing	Color	White		<table border="1"> <thead> <tr> <th>Frequency (MHz)</th> <th>PSNEXT ≥dB</th> <th>ELFEXT ≥dB</th> <th>PSELFEXT ≥dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>41.3</td> <td>39.0</td> <td>39.0</td> </tr> <tr> <td>4</td> <td>32.3</td> <td>26.9</td> <td>26.9</td> </tr> <tr> <td>8</td> <td>27.8</td> <td>20.9</td> <td>20.9</td> </tr> <tr> <td>10</td> <td>26.3</td> <td>19.0</td> <td>19.0</td> </tr> <tr> <td>16</td> <td>23.3</td> <td>14.9</td> <td>14.9</td> </tr> </tbody> </table>	Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB	1	41.3	39.0	39.0	4	32.3	26.9	26.9	8	27.8	20.9	20.9	10	26.3	19.0	19.0	16	23.3	14.9	14.9						
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	Print error and space	≤±0.5%, 1m																																
	Letter Height	3.0±0.3mm																																
Packing	Drum in Carton																																	
Packing length	1000±5.0m																																	
Sheath Physical properties	Before aging tensile strength (Mpa)	≥10.0																																
	Elongation (%)	≥350																																
	Aging period (°C×hrs)	100°C×24h×10d																																
	After aging Elongation (%)	≥300																																
	Cold bend (-20±2°C×4h) 8×Cable O.D. °CNo visible crack																																	
Electrical Characteristics	DC Resistance 20°C(Ω/100m)max	9.5																																
	DC conductor resistance unbalance (%) max	5.0																																
	1.0-16.0MHz Delay Skew 20°C (ns/100m)	≤45																																
	1.0-16.0MHz Characteristic impedance (Ω)	100±15																																

Part No.	Description
114-30225	CAT. 3 TELEPHONE CABLE 25 PAIR OUTDOOR JELLY FILLED BLACK 1M