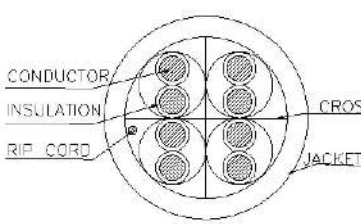



	1	2	3	4	5	6	7																																																																																																																								
A	<b>Configuration &amp; physical Characters:</b> Type of cable UTP Length per reel 1000ft Number of pairs 4 Field of application indoor Category Cat.6 Flame Rating:		<b>Electric Characters:</b> 1.Spark Test 2000±250VOC 2.Mutual Capacitance 560pF/100m Max 3.Conductor Resistance MAX 7.32Ω/100m at 20°C 4.Capacitance Unbalance MAX 330pF/100m 5. Resistance Unbalance MAX 5% 6.Impedance 100±15Ω		<b>Premise Cable Electrical Table(TIA Cat 6 Perm.Link)</b> <table border="1"> <thead> <tr> <th>Freq (Mhz)</th> <th>Insert loss(dB)</th> <th>NEXT (dB)</th> <th>RL (dB)</th> <th>RCA-N(dB)</th> <th>ACR-F (dB)</th> <th>PSNEX T(dB)</th> <th>PSACR N (dB)</th> <th>PSACR F(dB)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>3.0</td> <td>65.0</td> <td>19.1</td> <td>62.0</td> <td>64.2</td> <td>62.0</td> <td>59.0</td> <td>61.2</td> </tr> <tr> <td>4</td> <td>3.5</td> <td>64.1</td> <td>21.0</td> <td>60.6</td> <td>52.1</td> <td>61.8</td> <td>58.3</td> <td>49.1</td> </tr> <tr> <td>8</td> <td>5.0</td> <td>59.4</td> <td>21.0</td> <td>54.4</td> <td>46.1</td> <td>57.0</td> <td>52.1</td> <td>43.1</td> </tr> <tr> <td>10</td> <td>5.5</td> <td>57.8</td> <td>21.0</td> <td>52.3</td> <td>44.2</td> <td>55.5</td> <td>49.9</td> <td>41.2</td> </tr> <tr> <td>16</td> <td>7.0</td> <td>54.6</td> <td>20.0</td> <td>47.6</td> <td>40.1</td> <td>52.2</td> <td>45.2</td> <td>37.1</td> </tr> <tr> <td>20</td> <td>7.9</td> <td>53.1</td> <td>19.5</td> <td>45.2</td> <td>38.2</td> <td>50.7</td> <td>42.8</td> <td>35.2</td> </tr> <tr> <td>25</td> <td>8.9</td> <td>51.5</td> <td>19.0</td> <td>42.7</td> <td>36.2</td> <td>49.1</td> <td>40.2</td> <td>33.2</td> </tr> <tr> <td>31.25</td> <td>10.0</td> <td>50.0</td> <td>18.5</td> <td>40.0</td> <td>34.3</td> <td>47.5</td> <td>37.6</td> <td>31.3</td> </tr> <tr> <td>62.5</td> <td>14.4</td> <td>45.1</td> <td>16.0</td> <td>30.8</td> <td>28.3</td> <td>42.7</td> <td>28.3</td> <td>25.3</td> </tr> <tr> <td>100</td> <td>18.6</td> <td>41.8</td> <td>14.0</td> <td>23.3</td> <td>24.2</td> <td>39.3</td> <td>20.7</td> <td>21.2</td> </tr> <tr> <td>200</td> <td>27.4</td> <td>36.9</td> <td>11.0</td> <td>9.6</td> <td>18.2</td> <td>34.3</td> <td>7.0</td> <td>15.2</td> </tr> <tr> <td>250</td> <td>31.1</td> <td>35.3</td> <td>10.0</td> <td>4.2</td> <td>16.2</td> <td>32.7</td> <td>1.6</td> <td>13.2</td> </tr> </tbody> </table>					Freq (Mhz)	Insert loss(dB)	NEXT (dB)	RL (dB)	RCA-N(dB)	ACR-F (dB)	PSNEX T(dB)	PSACR N (dB)	PSACR F(dB)	1	3.0	65.0	19.1	62.0	64.2	62.0	59.0	61.2	4	3.5	64.1	21.0	60.6	52.1	61.8	58.3	49.1	8	5.0	59.4	21.0	54.4	46.1	57.0	52.1	43.1	10	5.5	57.8	21.0	52.3	44.2	55.5	49.9	41.2	16	7.0	54.6	20.0	47.6	40.1	52.2	45.2	37.1	20	7.9	53.1	19.5	45.2	38.2	50.7	42.8	35.2	25	8.9	51.5	19.0	42.7	36.2	49.1	40.2	33.2	31.25	10.0	50.0	18.5	40.0	34.3	47.5	37.6	31.3	62.5	14.4	45.1	16.0	30.8	28.3	42.7	28.3	25.3	100	18.6	41.8	14.0	23.3	24.2	39.3	20.7	21.2	200	27.4	36.9	11.0	9.6	18.2	34.3	7.0	15.2	250	31.1	35.3	10.0	4.2	16.2	32.7	1.6	13.2	A
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B	<b>Conductor</b> Material Bare Copper Size 23AWG 1/0.55±0.015 mm									B																																																																																																																					
C	<b>Insulation</b> Material HD-PE Thickness MIN at any point: 0.18mm MAX AVG: 0.22mm Diameter 0.94± 0.01mm, 0.96± 0.01mm, 0.98± 0.01mm, 1.00± 0.01mm Color code Blue/White-Blue Orange/White-Orange Green/White-Green Brown/White-Brown Elongation MIN 300% Tensile strength MIN 1.682Kg/mm <sup>2</sup>									C																																																																																																																					
D	<b>FILLER</b> CROSS SLOT 4.2x0.45mm Material PVC Thickness MIN at any point: 0.52mm MAX AVG: 0.58mm		Marking:E213738-Y CM (UL) C(UL) 4P 23AWG UTP CAT6 CONFORM TO ANSI/TIA-568-C.2 & ISO/IEC 11801 xxxxxM		<b>Standard:</b> ISO/IEC 11801; ANSI/TIA-568-C.2;UL 444 <b>Test :</b> Perm.Link test by fluke 90+/-5m PACKAGE: 305M/PULL BOX, 2 ROLLS ARE PACKED IN ONE CARTON ①					D																																																																																																																					
E	<b>Jacket</b> Diameter 6.0±0.3mm Colors per request Aging at 100°C for 168Hrs MIN ELONGATION RETENTION:50% MIN TENSILE STRENGTH RETENTION:75%									E																																																																																																																					
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G	<b>RoHS compliant</b> <b>Unit: mm</b>		<table border="1"> <tr> <td>Scale</td> <td>1:1</td> </tr> <tr> <td>TOLERANCE</td> <td></td> </tr> <tr> <td>.X</td> <td>±0.2</td> </tr> <tr> <td>.XX</td> <td>±0.12</td> </tr> </table>		Scale	1:1	TOLERANCE		.X	±0.2	.XX	±0.12			Date Name Drawn 31.12.2013 Joanna Approved 22.03.2016 Joanna		Customer-No. ASSMANN WSW-No. ①ATU6-P305T		G																																																																																																												
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