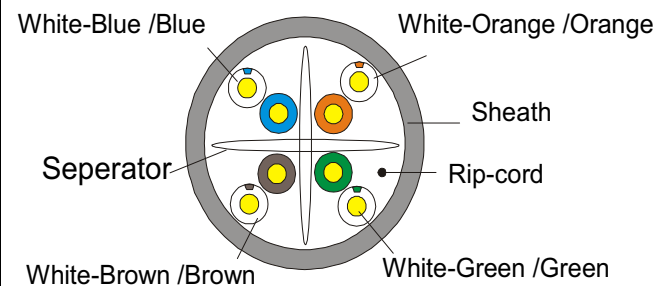


PART# AS-GN0002

4 Pair Grey UTP Cat6 Cable Box 305Mtr

Category	U/UTP CAT6-4P-PVC																																																																									
Test Standard	ISO/IEC11801、TIA-568-C.2 、YD/T1019																																																																									
Conductor	Material	SOLID-Bare Copper																																																																								
	Nom.O.D.(mm)	0.540	<table style="font-size: small;"> <tr><td>up</td><td>+0.005</td></tr> <tr><td>down</td><td>-0.005</td></tr> </table>		up	+0.005	down	-0.005																																																																		
up	+0.005																																																																									
down	-0.005																																																																									
Insulation	Material	HDPE																																																																								
	Diameter	0.95±0.03mm																																																																								
Sheath	Thickness	0.55±0.05 mm		<table style="font-size: small;"> <tr><th colspan="5">Technical Performance (100m):</th></tr> <tr> <th>Frequency (MHz)</th> <th>RL ≥dB</th> <th>ATT(20°C) ≤ dB</th> <th>NEXT ≥ dB</th> <th>PHASE DELAY ≤ns</th> </tr> <tr><td>1</td><td>20.0</td><td>2.03</td><td>74.3</td><td>570.00</td></tr> <tr><td>4.0</td><td>23.0</td><td>3.78</td><td>65.3</td><td>552.00</td></tr> <tr><td>8.0</td><td>24.5</td><td>5.32</td><td>60.8</td><td>546.73</td></tr> <tr><td>10.0</td><td>25.0</td><td>5.95</td><td>59.3</td><td>545.38</td></tr> <tr><td>16.0</td><td>25.0</td><td>7.55</td><td>56.2</td><td>543.00</td></tr> <tr><td>20.0</td><td>25.0</td><td>8.47</td><td>54.8</td><td>542.05</td></tr> <tr><td>25.0</td><td>24.3</td><td>9.51</td><td>53.3</td><td>541.20</td></tr> <tr><td>31.25</td><td>23.6</td><td>10.67</td><td>51.9</td><td>540.44</td></tr> <tr><td>62.5</td><td>21.5</td><td>15.38</td><td>47.7</td><td>538.55</td></tr> <tr><td>100</td><td>20.1</td><td>19.80</td><td>44.3</td><td>537.60</td></tr> <tr><td>200</td><td>18.0</td><td>28.98</td><td>39.8</td><td>536.54</td></tr> <tr><td>250</td><td>17.3</td><td>32.85</td><td>38.3</td><td>536.27</td></tr> </table>	Technical Performance (100m):					Frequency (MHz)	RL ≥dB	ATT(20°C) ≤ dB	NEXT ≥ dB	PHASE DELAY ≤ns	1	20.0	2.03	74.3	570.00	4.0	23.0	3.78	65.3	552.00	8.0	24.5	5.32	60.8	546.73	10.0	25.0	5.95	59.3	545.38	16.0	25.0	7.55	56.2	543.00	20.0	25.0	8.47	54.8	542.05	25.0	24.3	9.51	53.3	541.20	31.25	23.6	10.67	51.9	540.44	62.5	21.5	15.38	47.7	538.55	100	20.1	19.80	44.3	537.60	200	18.0	28.98	39.8	536.54	250	17.3	32.85	38.3	536.27
	Technical Performance (100m):																																																																									
	Frequency (MHz)	RL ≥dB	ATT(20°C) ≤ dB		NEXT ≥ dB	PHASE DELAY ≤ns																																																																				
	1	20.0	2.03		74.3	570.00																																																																				
	4.0	23.0	3.78		65.3	552.00																																																																				
8.0	24.5	5.32	60.8		546.73																																																																					
10.0	25.0	5.95	59.3		545.38																																																																					
16.0	25.0	7.55	56.2		543.00																																																																					
20.0	25.0	8.47	54.8		542.05																																																																					
25.0	24.3	9.51	53.3		541.20																																																																					
31.25	23.6	10.67	51.9		540.44																																																																					
62.5	21.5	15.38	47.7		538.55																																																																					
100	20.1	19.80	44.3		537.60																																																																					
200	18.0	28.98	39.8		536.54																																																																					
250	17.3	32.85	38.3		536.27																																																																					
External O.D.	6.0±0.4 mm																																																																									
Surface	Clean,Frap,Satiation																																																																									
Material	PVC(complies RoHS)																																																																									
Color	As Required meeting MOQ																																																																									
Surface Printing	Letter height	3.0±0.3mm																																																																								
	Color	Black																																																																								
	Print error & Space	≤±0.5%, 1m																																																																								
Core Color	1 White- Blue /Blue	2 White-Orange /Orange																																																																								
	3 White-Green /Green	4 White- Brown /Brown																																																																								
Packing	Wooden Tray & Carton																																																																									
Carton dimension	40.5*40.5*21cm																																																																									
Packing length	305±1.5m																																																																									
Rip-cord	Yes	Drain wire	No																																																																							
	<table style="font-size: small;"> <tr><th>Frequency (MHz)</th><th>PSNEXT ≥dB</th><th>ELFEXT ≥dB</th><th>PSELFEXT ≥dB</th></tr> <tr><td>1</td><td>72.3</td><td>67.8</td><td>64.8</td></tr> <tr><td>4</td><td>63.3</td><td>55.8</td><td>52.8</td></tr> <tr><td>8</td><td>58.8</td><td>49.7</td><td>46.7</td></tr> <tr><td>10</td><td>57.3</td><td>47.8</td><td>44.8</td></tr> <tr><td>16</td><td>54.2</td><td>43.7</td><td>40.7</td></tr> <tr><td>20</td><td>52.8</td><td>41.8</td><td>38.8</td></tr> <tr><td>25</td><td>41.3</td><td>39.8</td><td>36.8</td></tr> <tr><td>31.25</td><td>49.9</td><td>37.9</td><td>34.9</td></tr> <tr><td>62.5</td><td>45.4</td><td>31.9</td><td>28.9</td></tr> <tr><td>100</td><td>42.3</td><td>27.8</td><td>24.8</td></tr> <tr><td>200</td><td>37.8</td><td>21.8</td><td>18.8</td></tr> <tr><td>250</td><td>36.3</td><td>19.8</td><td>16.8</td></tr> </table>			Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB	1	72.3	67.8	64.8	4	63.3	55.8	52.8	8	58.8	49.7	46.7	10	57.3	47.8	44.8	16	54.2	43.7	40.7	20	52.8	41.8	38.8	25	41.3	39.8	36.8	31.25	49.9	37.9	34.9	62.5	45.4	31.9	28.9	100	42.3	27.8	24.8	200	37.8	21.8	18.8	250	36.3	19.8	16.8																			
Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB																																																																							
1	72.3	67.8	64.8																																																																							
4	63.3	55.8	52.8																																																																							
8	58.8	49.7	46.7																																																																							
10	57.3	47.8	44.8																																																																							
16	54.2	43.7	40.7																																																																							
20	52.8	41.8	38.8																																																																							
25	41.3	39.8	36.8																																																																							
31.25	49.9	37.9	34.9																																																																							
62.5	45.4	31.9	28.9																																																																							
100	42.3	27.8	24.8																																																																							
200	37.8	21.8	18.8																																																																							
250	36.3	19.8	16.8																																																																							
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥13.5																																																																								
	Elongation(%)	≥150																																																																								
	Aging Period (°C×hrs)	100°C×24h×7d																																																																								
	After Aging Tensile Strength(Mpa)	≥12.5																																																																								
Electrical Characteristics (20°C)	1.0-250.0MHz Impedance ((Ω)	100±15																																																																								
	1.0-250.0MHz Delay Shew (ns/100m)	≤45																																																																								
	DC Resistance (Ω/100m) max	9.5 - NVP 69																																																																								
	DC Conductor Resistance Unbalance (%) max	5.0																																																																								



Grove Communication Supplies Pty Ltd

Technical Support: 1300 732 254
 Web: www.grovecoms.net.au
 NSW Email: salesnsw@grovecoms.net.au
 Melbourne: 58 Taunton Drive, Cheltenham VIC 3192
 Email: salesvic@grovecoms.net.au
 Brisbane: 5/23 Londer Close, Hemmant QLD 4174
 Email: salesqld@grovecoms.net.au
 Perth: 8 Port Kembla Drive, Bibra Lake WA 6163
 Email: saleswa@grovecoms.net.au