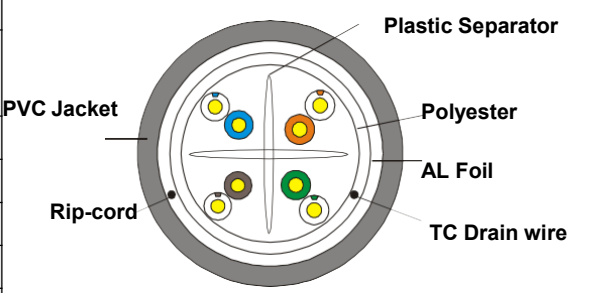


### PRODUCT CODE: MSEC C64PFTP WHITE



Sheath Printing	Metre Marked, Description, Batch No.																																																																																																																																						
Category	FTP/CAT6-4P-PVC																																																																																																																																						
Test Standard	ISO/IEC11801,TIA/EIA 568-C.2, EN 50173 YD/T1019-2001																																																																																																																																						
1. Conductor	Material	SOLID-Bare Copper																																																																																																																																					
	Nom. O.D. (mm)	0.565	Up	+0.005																																																																																																																																			
			Down	-0.005																																																																																																																																			
2. Insulation	Material	HDPE			<b>Technical Performance (100m):</b>  <table border="1"> <thead> <tr> <th></th> <th>RL</th> <th>ATT(20□)</th> <th>NEXT</th> <th>DELAY</th> </tr> <tr> <th>(MHz)</th> <th>≥dB</th> <th>≤dB</th> <th>≥dB</th> <th>≤ns</th> </tr> </thead> <tbody> <tr><td>1</td><td>20.0</td><td>1.9</td><td>74.0</td><td>570.00</td></tr> <tr><td>4.0</td><td>23.0</td><td>3.7</td><td>65.0</td><td>552.00</td></tr> <tr><td>8.0</td><td>24.5</td><td>5.3</td><td>60.7</td><td>546.73</td></tr> <tr><td>10.0</td><td>25.0</td><td>5.9</td><td>59.0</td><td>545.38</td></tr> <tr><td>16.0</td><td>25.0</td><td>7.5</td><td>56.0</td><td>543.00</td></tr> <tr><td>20.0</td><td>25.0</td><td>8.4</td><td>55.0</td><td>542.05</td></tr> <tr><td>25.0</td><td>24.3</td><td>9.5</td><td>53.3</td><td>541.20</td></tr> <tr><td>31.25</td><td>23.6</td><td>10.6</td><td>52.0</td><td>540.44</td></tr> <tr><td>62.5</td><td>21.5</td><td>15.4</td><td>47.0</td><td>538.55</td></tr> <tr><td>100</td><td>20.1</td><td>19.8</td><td>44.0</td><td>537.60</td></tr> <tr><td>200</td><td>18.0</td><td>29.0</td><td>40.0</td><td>536.54</td></tr> <tr><td>250</td><td>17.3</td><td>32.8</td><td>38.0</td><td>536.27</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th></th> <th>PSNEXT</th> <th>ELFEXT</th> <th>PSELFEXT</th> </tr> <tr> <th>(MHz)</th> <th>≥dB</th> <th>≥dB</th> <th>≥dB</th> </tr> </thead> <tbody> <tr><td>1</td><td>72.3</td><td>68.0</td><td>65.0</td></tr> <tr><td>4</td><td>63.3</td><td>56.0</td><td>53.0</td></tr> <tr><td>8</td><td>48.8</td><td>49.9</td><td>46.9</td></tr> <tr><td>10</td><td>57.3</td><td>48.0</td><td>45.0</td></tr> <tr><td>16</td><td>54.2</td><td>43.9</td><td>40.9</td></tr> <tr><td>20</td><td>52.8</td><td>42.0</td><td>39.0</td></tr> <tr><td>25</td><td>41.3</td><td>40.0</td><td>37.0</td></tr> <tr><td>31.25</td><td>49.9</td><td>38.1</td><td>35.1</td></tr> <tr><td>62.5</td><td>45.4</td><td>32.1</td><td>29.1</td></tr> <tr><td>100</td><td>42.3</td><td>28.0</td><td>25.0</td></tr> <tr><td>200</td><td>37.8</td><td>22.0</td><td>19.0</td></tr> <tr><td>250</td><td>36.3</td><td>20.0</td><td>17.0</td></tr> </tbody> </table>						RL	ATT(20□)	NEXT	DELAY	(MHz)	≥dB	≤dB	≥dB	≤ns	1	20.0	1.9	74.0	570.00	4.0	23.0	3.7	65.0	552.00	8.0	24.5	5.3	60.7	546.73	10.0	25.0	5.9	59.0	545.38	16.0	25.0	7.5	56.0	543.00	20.0	25.0	8.4	55.0	542.05	25.0	24.3	9.5	53.3	541.20	31.25	23.6	10.6	52.0	540.44	62.5	21.5	15.4	47.0	538.55	100	20.1	19.8	44.0	537.60	200	18.0	29.0	40.0	536.54	250	17.3	32.8	38.0	536.27		PSNEXT	ELFEXT	PSELFEXT	(MHz)	≥dB	≥dB	≥dB	1	72.3	68.0	65.0	4	63.3	56.0	53.0	8	48.8	49.9	46.9	10	57.3	48.0	45.0	16	54.2	43.9	40.9	20	52.8	42.0	39.0	25	41.3	40.0	37.0	31.25	49.9	38.1	35.1	62.5	45.4	32.1	29.1	100	42.3	28.0	25.0	200	37.8	22.0	19.0	250	36.3	20.0	17.0
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3. Separator	Plastic Separator.																																																																																																																																						
4. Rip-cord	Yes	Drain wire	0.45mmTC																																																																																																																																				
5. Shielded	AL Foil																																																																																																																																						
	Thickness	0.60±0.05 mm																																																																																																																																					
6. Sheath	External O.D.	7.4±0.4 mm																																																																																																																																					
	Surface	Clean, Frap, Satiation																																																																																																																																					
	Material	PVC																																																																																																																																					
	Color	Multiple																																																																																																																																					
	Letter height	3.0±0.3mm																																																																																																																																					
Surface Printing	Color	Black																																																																																																																																					
	Print error & Space	≤±0.5%, 1m																																																																																																																																					
Packing	Plywood drum, pallet																																																																																																																																						
Carton dimension	37*25*16cm																																																																																																																																						
Packing length	305±1.5m																																																																																																																																						
	Before Aging	Tensile Strength (Mpa)	≥13.5																																																																																																																																				
Sheath		Elongation (%)	≥150																																																																																																																																				
	Aging Period (°C × hrs)	100°C × 24h × 7d																																																																																																																																					
	After Aging	Tensile Strength (Mpa)	≥12.5																																																																																																																																				
Physical Properties		Elongation (%)	≥125																																																																																																																																				
	Cold bend (-20±2°C × 4h)	No visible cracks																																																																																																																																					
Electrical	1.0-250.0MHz, Characteristic impedance (Ω)	100±15																																																																																																																																					
	1.0-250.0MHz, Delay Shew 20°C(ns/100m)	≤45																																																																																																																																					
Characteristics	Capacitance unbalance to earth (pf/100m) max	330																																																																																																																																					
	(20°C) DC Resistance 20°C(Ω/100m) max	9.5																																																																																																																																					
	DC Conductor Resistance Unbalance (%)max	5.0																																																																																																																																					