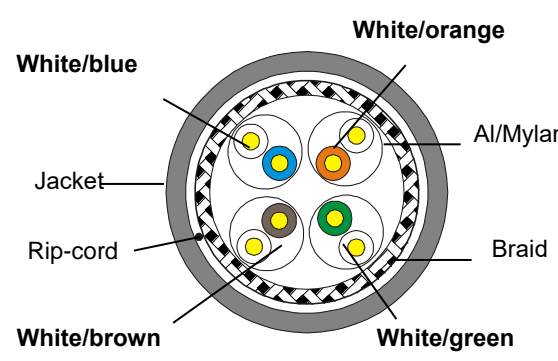


S/FTP 4Pairs cable-category 7-Out Door

Content of the Data Sheet

Model:	300427																																																																																												
Customer No.	300427	Certificate:	Force/Delta/EC																																																																																										
Category	S/FTP-CAT7-4P-Outdoor																																																																																												
Reference Standard	ISO/IEC 61156-5;EN 50288-4																																																																																												
Conductor	Material	SOLID-Bare Copper																																																																																											
	Nom.O.D.(mm)	0.560	up +0.005 down -0.005																																																																																										
Insulation	Material	Skin-foam-skin PE																																																																																											
	Diameter	1.330±0.05 mm																																																																																											
Inner Screening Material	Al/Mylar	Drain wire	No																																																																																										
Outer Screening Material	Tinned copper 0.1mm	Coverage	≥30%																																																																																										
Sheath	Thickness	0.55±0.05 mm																																																																																											
	External O.D.	7.6±0.5 mm																																																																																											
	Surface	Clean,Frap,Satiation																																																																																											
	Material	LDPE(complies RoHS)																																																																																											
	Color	Black																																																																																											
	Surface Printing	Letter height	3.0±0.3mm																																																																																										
Color		White																																																																																											
Print error & Space		≤±0.5%, 1m																																																																																											
Core Color		1 White/Blue	2 White/Orange																																																																																										
	3 White/Green	4 White/Brown																																																																																											
Packing	Drum																																																																																												
Wooden Tray dimension	According to the requires																																																																																												
Packing length	305/500 meter																																																																																												
Rip-cord	Yes																																																																																												
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□×4h) 8×Cable O.D., No visible cracks	16	75.0																																																																																										
		20	75.0																																																																																										
Electrical Characteristics (20°C)	Impedance(Ω) :	(1-100MHz)	100±15Ω																																																																																										
		(100-250MHz)	100±18Ω																																																																																										
		(250-600MHz)	100±25Ω																																																																																										
	Delay Skew (ns/100m)	≤25																																																																																											
	Velocity of Propagation (%)	74																																																																																											
	unbalanced-to-ground capacitance (pf/100m) max	330																																																																																											
	DC Resistance (Ω/100m) max	9.38																																																																																											
	DC Conductor Resistance Unbalanc (%) max	2.0																																																																																											
																																																																																													
	Technical Performance (100m) :																																																																																												
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Frequency (MHz)</th> <th>RL ≥dB</th> <th>ATT ≤dB</th> <th>NEXT ≥dB</th> <th>PHASE DELAY ≤ns</th> </tr> </thead> <tbody> <tr><td>1.0</td><td>20.0</td><td>—</td><td>78.0</td><td>570.0</td></tr> <tr><td>4.0</td><td>23.0</td><td>3.74</td><td>78.0</td><td>552.0</td></tr> <tr><td>8.0</td><td>24.5</td><td>5.24</td><td>78.0</td><td>546.7</td></tr> <tr><td>10.0</td><td>25.0</td><td>5.86</td><td>78.0</td><td>545.4</td></tr> <tr><td>16.0</td><td>25.0</td><td>7.41</td><td>78.0</td><td>543.0</td></tr> <tr><td>20.0</td><td>25.0</td><td>8.29</td><td>78.0</td><td>542.0</td></tr> <tr><td>25.0</td><td>24.3</td><td>9.29</td><td>78.0</td><td>541.2</td></tr> <tr><td>31.25</td><td>23.6</td><td>10.41</td><td>78.0</td><td>540.4</td></tr> <tr><td>62.5</td><td>21.5</td><td>14.88</td><td>75.5</td><td>538.6</td></tr> <tr><td>100</td><td>20.1</td><td>19.02</td><td>72.4</td><td>537.6</td></tr> <tr><td>150</td><td>18.9</td><td>23.56</td><td>69.8</td><td>536.9</td></tr> <tr><td>200</td><td>18.0</td><td>27.47</td><td>67.9</td><td>536.5</td></tr> <tr><td>250</td><td>17.3</td><td>30.97</td><td>66.4</td><td>536.3</td></tr> <tr><td>300</td><td>17.3</td><td>34.19</td><td>65.2</td><td>536.1</td></tr> <tr><td>600</td><td>17.3</td><td>50.10</td><td>60.7</td><td>535.5</td></tr> <tr><td>700</td><td>14.2</td><td>54.63</td><td>59.7</td><td>535.4</td></tr> <tr><td>1000</td><td>13.1</td><td>66.93</td><td>57.3</td><td>535.1</td></tr> </tbody> </table>				Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	PHASE DELAY ≤ns	1.0	20.0	—	78.0	570.0	4.0	23.0	3.74	78.0	552.0	8.0	24.5	5.24	78.0	546.7	10.0	25.0	5.86	78.0	545.4	16.0	25.0	7.41	78.0	543.0	20.0	25.0	8.29	78.0	542.0	25.0	24.3	9.29	78.0	541.2	31.25	23.6	10.41	78.0	540.4	62.5	21.5	14.88	75.5	538.6	100	20.1	19.02	72.4	537.6	150	18.9	23.56	69.8	536.9	200	18.0	27.47	67.9	536.5	250	17.3	30.97	66.4	536.3	300	17.3	34.19	65.2	536.1	600	17.3	50.10	60.7	535.5	700	14.2	54.63	59.7	535.4	1000	13.1	66.93	57.3	535.1
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