



ZHUHAI SURELINK COMMUNICATION CABLE CO.,LTD.

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OUTDOOR FTP CAT5E ONE JACKET GCE 012



Cable	OUTDOOR FTP CAT5E UV RESISTANCE
Conductor wire gauge	24AWG
Conductor material (mm)	CCAM 45% COPPER
Conductor diameter (mm)	0.51±0.01
Insulation type	High-density PE
Insulation thickness (mm)	Avg: 0.245; min:0.23
Insulation diameter (mm)	1.0±0.01
Separation (polyster wrapping)	125% Coverage
Cable shield (aluminum foil)	very thick aluminum foil 100% Coverage
Anti-ESD drain wire	0.4mm CCS
Rip cord	750D nylon yarn
Jacket material	3364 PE
Jacket thickness (mm)	Avg:0.65; min:0.60
Jacket outer diameter (mm)	6.1±0.1mm
Jacket color	Black
Operating temperature range (°C)	-20°C (-4F) to 60°C (149F)
Average energy transmission loss (18V,100m)	<4%
Regulatory standard compliance	ISO/IEC 11801, TIA/EIA-568C.2

Frequency (MHz)	Attenuation <dB	RL >dB	NEXT >dB	ELFEXT >dB	PS NEXT >dB	PS ELFEXT >dB	DELAY >dB
1	1.95	20.1	65.3	63.8	62.3	62.8	569
4	4.1	23	56.3	51.7	53.3	48.7	552
8	5.8	24.5	51.8	45.7	48.8	42.7	546.7
10	6.5	25	50.3	42.8	47.3	40.8	545.4
16	8.2	25	47.3	39.7	44.2	36.7	543
20	9.3	25	48.5	37.7	42.9	34.7	542
25	10.4	24.3	44.3	35.8	41.3	32.8	541.2
31.25	11.6	23.6	42.9	33.9	39.9	30.9	540.4
62.5	17	21.5	38.4	27.8	35.4	24.8	538.6
100	22	20.1	35.3	23.8	32.3	20.8	537.6