ALV-CAT5E-FTP-PE-CU

24AWG CAT5E FTP Lan cable/Outdoor



APPLICATION

- Connecting between computers and switches
- Connecting a computer to a LAN via a cable/DSL modem
- Connect the router to the LAN on the cable/DSL modem
- Connect the switch to the router
- Connecting the hub to the router
- Outdoor use

SPECIFICATION	
Conductor	
Material	Copper
Conductor Dia.	0.50mm
Wire gauge	24AWG
Insulation	
Material	HDPE
Diameter	0.91+/-0.05mm
Color(4 Pairs)	Orange,white/orange; green,white/green; blue,white/blue; brown,white/brown
Shielded	
Mylar Film	Yes
Aluminum Foil	Yes
Drain Wire	0.4mm CCA
Jacket	
Jacket 1	PVC
Jacket 2	PE
Diameter	6.2-6.5mm
Color	Black
General	
Rip Cord	Yes
Temperature Range	-20°C to 70°C
Conductor resistance	< 9.38Ω/100m
Capacitance Unbalance	330pF/100m
Mutual capacitance	<54pF/m
Standard impedance	100 ±15Ω; between 1 MHz and 100 MHz
Min bending radius	50mm
Propagation Delay	<538ns/100m
Resistance Unbalance (%)	<=5 %
Nominal Conductor Capacitance	<5.6nF/100m
Reference Standard	TIA/EIA568B ISO11801
Characteristic Impedance	100Ω±15%
Weight (with carton)	13.6 kgs/reel
Packaging length	305M wooden reel
Packaging dimension	33*33*26CM/Carton
Certificates	CE & ROHS

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TECHNICAL PERFORMANCE						
Frequency, MHz	RL	Attenuation, dB	NEXT, dB	PSNEXT, dB	ELFEXT, dB	PSELFEXT, dB
1	20	2	65.3	62.3	63.8	60.8
4	23	4	56.3	53.3	51.7	48.7
8	24.5	5.8	51.8	48.8	45.7	42.7
10	25	6.5	50.3	47.3	43.8	40.8
16	25	8.2	47.3	44.3	39.7	36.7
20	25	9.3	45.8	42.8	37.7	34.7
25	24.3	10.4	44.3	41.3	35.8	32.8
31.25	23.6	11.7	42.9	39.9	33.9	30.9
62.5	21.5	17	38.4	35.4	27.8	24.8
100	20.1	22	35.3	32.3	23.8	20.8
200	18	29	39.8	37.8	21.8	18.7
250	17.3	32.8	38.3	36.3	19.8	16.8
350	16.3	39.8	36.1	34.1	16.9	13.9