



CABLE TYPE		LAN CABLE FTP CAT 5E PVC	
MECHANICAL CHARACTERISTIC			
INNER CONDUCTOR	METERIAL	BARE COPPER	
	DIAMETER	4X4X24 AWG	
DIELECTRIC	METERIAL	PE	
	DIAMETER	0.95 mm	
DRIAN WIRE SHIELD	METERIAL	TINNED COPPER	
	METERIAL	AL POLYESTER FOIL	
EXTERNAL JACKET	METERIAL	PVC	
	DIAMETER	5.80mm ± 0.10mm	
ELECTRICAL CHARACTERISTIC			
CHARACTERISTIC IMPEDENCE		100 ± 15 OHM	
NOMINAL MUTUAL CAPACITANCE AT 1 KHZ		56 nf/KM	
MAXIMUM CONDUCTOR DCR		135 OHM/KM	
NOMIAL VELOCITY OF PROPAGATION		0.66 c	
SKEW-PROPAGATION DELAY DIFFERENCE		45 ns/100m	
TEMPERATURE RANG-OPERATION		-20°C + 60°C	
TEMPERATURE RANG-INSTALLATION		0 °C - + 50 °C	
FREQUENCY (MHZ)	ATTENUATION (db/100M)	NEXT (d/b 100M)	
1	3.2	65.3	
4	6.9	56.3	
10	11.3	50.3	
16	13.9	47.2	
20	15.7	45.8	
31.25	19.6	42.9	
62.5	27.6	38.4	
100	34.5	35.3	