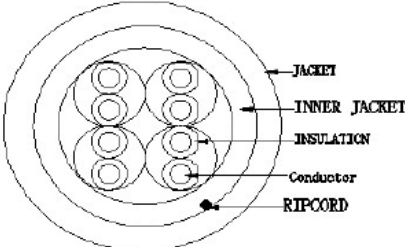


Technical specification/ Data sheet

LAN cable: S/CAT5E UTP/Out/S

S/CAT5E UTP/Out/S		TECHNICAL DATA SHEET					
100 Ω UTP 4pairs cable category 5e OUTDOOR - 100MHz - PVC& PE sheath							
							
CABLE DESCRIPTION							
1-CONDUCTOR		PARAMETER	UNIT	VALUE			
TYPE:CU		Max.linear tesistance.	Ω /km	≤105			
DIAMETER:0.47mm±0.005mm		Mutual capacity(nom.)	pF/m	52			
AWG:24		Unbalance capacity max (p/p at 1 KHz)	pF/km	1600			
2-INSULATION		Characteristic impedance (1 at 100 MHz)	Ω	100±15			
TYPE:PE solid		VELOCITY OF PROPAGATION (f>1MHz)	%of c	70			
DIAMETER:0.905mm±0.01mm							
3-RIP CORD							
YES							
4,Inner jacket							
Diameter::5.1mm±0.2mm(PVC)		cores color:1, WHITE/BLUE -BLUE, 2, WHITE/ORANGE-ORANGE, 3, WHITE/GREEN-GREEN, 4, WHITE/BROWN-BROWN					
5-OUTER JACKET		Marking					
TYPE:PE		S/CAT5E UTP/OUTDOORS/S SKYFLEX(CAT5E UTP) ISO9002					
COLOUR: BLACK		CE RoHS 001M,002M..... 305M					
THICKNESS:0.55mm							
EXTERNAL DIAMETER:6.0mm±0.2mm							
ELECTRICAL CHARACTERISTICS							
Frequency	(MHz)	Return loss(dB)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1		20.0	2.10	65.3	62.3	63.8	60.8
4		23.0	4.12	56.3	53.3	51.8	48.8
10		25.0	6.60	50.3	47.3	43.8	40.8
16		25.0	8.20	47.2	44.2	39.7	36.7
20		25.0	9.30	45.8	42.0	37.8	34.8
25		24.3	10.40	44.3	41.3	35.8	32.8
31.25		23.6	11.70	42.9	39.9	33.9	30.9
62.5		21.5	17.00	38.4	35.4	27.9	24.9
100		20.1	22.00	35.3	32.3	23.8	20.8
OTHER CHARACTERISTICS							
MINIMUM BENDING RADIUS:10×Diameter							
WHIGHT:25.00kg/km							
PACKING:305m BOX							