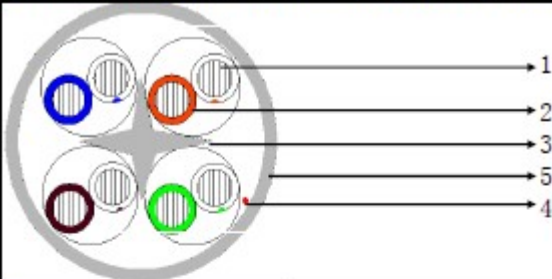


Technical specification/ Data sheet

LAN cable: B/CAT6 UTP/OUT/S

REF: CAT.6 UTP OUTDOOR						
100 Ω UTP 4pairs cable category6 - 250MHz - LDPE sheath						
						
CABLE DESCRIPTION						
1-CONDUCTOR TYPE:SOLID-Bare copper DIAMETER:0.53mm±0.008mm AWG:23 2-INSULATION TYPE:PE solid DIAMETER:0.95mm±0.01mm 3-Filler HDPE 5.0*5.0mm 4-RIP CORD YES 5-OUTER JACKET TYPE: LDPE COLOUR: BLACK THICKNESS:0.55mm EXTERNAL DIAMETER:6.5mm±0.5mm	PARAMETER	UNIT	VALUE			
	Max.linear tesistance.	Ω /km	≤186.5			
	Mutual capacity(nom.)	pF/m	52			
	Unbalance capacity max (p/p at 1 KHz)	pF/km	1500			
	Characteristic impedance (1 at 250 MHz)	Ω	100±15			
	VELOCITY OF PROPAGATION (f>1MHz)	%of c	72			
Marking						
OEM marking with meter marking						
ELECTRICAL CHARACTERISTICS						
Frequency (MHz)	Return loss(dB)	Attenuati n (dB/100m)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1	20.0	2.00	74.3	72.3	67.8	64.8
4	23.0	3.80	65.3	63.3	55.8	52.8
10	25.0	5.30	59.3	57.3	47.8	44.8
20	25.0	8.50	54.8	52.8	41.8	38.8
62.5	21.5	15.40	47.4	45.4	42.0	29.1
100	20.1	19.80	44.3	42.3	27.8	25.0
150	18.9	24.70	41.7	39.7	24.3	21.3
200	18.0	29.00	39.8	37.8	21.8	19.0
250	17.3	32.80	38.3	36.3	20.4	17.0
OTHER CHARACTERISTICS						
MINIMUM BENDING RADIUS:10×Diameter						
WHIGHT:37.2kg/km						
FIRE BEHAVIOUR:IEC						
PACKING:305m BOX						
				Prepared by: David	Date: 2020/09/24	Rev.:1
				Approved by: Sannedy	Date:2020/09/24	Page1of 1