

UTP CAT6 CABLE

TECHNICAL PERFORMANCE(100M):

FREQUENCY	RL	ATT(20)	NEXT	ACR	FREQUENCY	PSNEXT	ELFEXT	PSELFEXT
(MHz)	≥dB	≤dB	≥dB	≥dB	(MHz)	≥dB	≥dB	≥dB
1.0	20.0	2.0	74.3	72.3	1.0	72.3	67.8	64.8
4.0	23.0	3.8	65.3	61.5	4.0	63.3	55.8	52.8
8.0	24.5	5.3	60.8	55.5	8.0	58.8	49.7	46.7
10.0	25.0	6.0	59.3	53.3	10.0	57.3	47.8	44.8
16.0	25.0	7.6	56.2	48.6	16.0	54.2	43.7	40.7
20.0	25.0	8.5	54.8	46.3	20.0	52.8	41.8	38.8
25.0	24.3	9.5	53.3	43.8	25.0	41.3	39.8	36.8
31.25	23.6	10.7	51.9	41.2	31.25	49.9	37.9	34.9
62.5	21.5	15.4	47.4	32.0	62.5	45.4	31.9	28.9
100	20.1	19.8	44.3	24.5	100	42.3	27.8	24.8
200	18.0	29.0	39.8	10.8	200	37.8	21.8	18.8
250	17.3	32.8	38.3	5.5	250	36.3	19.8	16.8

JACKET PHYSICAL PROPERTIES

JACKET

AGING				COLD BEND	
ITEM	Aging Period		100°*24H*7D	COLD PERIOD	-20±2°C*4H
	Before Aging	After Aging		Bend Radius	8*Cable O.D.
PVC	Tensile Strength	≥13.5 Mpa	≥12.5 Mpa	No Visible Cracks	
	Elongation	≥150 %	≥125 %		
LSZH	Tensile Strength	≥10.0 Mpa	≥8.0 Mpa	No Visible Cracks	
	Elongation	≥125%	≥100%		
PE	Tensile Strength	≥10.0 Mpa	≥8.0 Mpa	No Visible Cracks	
	Elongation	≥350 %	≥350 %		

P/N

DESCRIPTION

UU6.55.PV	Cat6 U/UTP AWG23 PVC jacket
UU6.55PE	Cat6 U/UTP AWG23 LSZH jacket
UU6.55.LS	Cat6 U/UTP AWG23 PE jacket
UU6.55.PVPE	Cat6 U/UTP AWG23 PVC+PE jacket

Special Jacket according with customer needs