

SPECIFICATION:UTP CAT6 Cable,23AWG,PVC,CU			Customer:	PartNO:595130	REV.:1.0	
ITEM		SPECIFICATION	Product structure:			
Conductor	AWG	23AWG				
	Material	CU				
	Size	1/0.57±0.008mm				
Insulation	.REF	0.23mm				
	Material	HDPE				
	I.D	1.02±0.03mm				
Twisted Pairs	Direction	S				
	Pitch	Less Than 20				
CROSS	Material	PE				
	.REF	0.55mm				
Jacket	Material	CPR PVC	Color	BLACK		
	Color	Grey(7035)	Marking	Cat6 UTP Solid CU 23AWG 4P ISO/IEC 11801 TIA/EIA 568B 001M.....305M		
	O.D	6.0±0.3mm	INSULATION COLOR CODE:			
	1P,White/Blue&Blue 2P,White/Orange&Orange 3P,White/Green &Green 4P,White/Brown&Brown					
ELECTRICAL CHARACTERISTICS		PHYSICAL CHARACTERWS:	packaging:305m/BOX			
1..Rating Temp:80°C Rating Voltage: 30V		1.Tensile strength test:	Transmission Standards:ANSI/TIA568,ISO/IEC11801			
2. Conductor Resistance: 95Ω/km at 20°C Min (23AWG)		1.1: Jacket PVC: >12MPa 1.2: HDPE Insulation: >16MPa				
3.Insulation resistarce:100MΩ/km at 20°C Min						
4.Dielectric Test: DC 2500V/2min at 20°C						
5.Resistance Unbalance,maximum : 4.5%		2.Elongation :				
6.Mutual Capacitance : 5.6 nF/100 m @ 1 kHz		2.1: Jacket PVC: >180%	Drawing	Check:	Carey	Approver:
7.Nominal Velocity of Propagation : NVP 69%		2.2: HDPE Insulation:>400%				
8.Operating Frequency, maximum : 250MHz		2.3: CU: > 15 %	Date:			