

## SPECIFICATION

<b>ITEM NO.</b>		WT104PE			
<b>TYPE</b>		Outdoor CAT5E UTP4 pairs Twisted Pair CABLE			
<b>Specification</b>		CAT 5E UTP+1.2Y			
<b>Construction</b>					
<b>Conductor</b>	AWG	CAT 5 UTP		<b>Self-support</b>	
	structure	1/0.485×4P			
	O.D.	0.485mm			
	material	BC			
<b>Insulation</b>	Thickness	0.2 mm		<b>Construction</b>	1.2mm wire
	O.D.	0.915 ± 0.05 mm			
	Material	PE			
	Color	(Blue · White/Blue) · (Orange · White/Orange) (Green · White/Green) · (Brown · White/Brown)			
		CAT 5 UTP jacket: PVC Gray , O .D. 5.0 ± 0.2 mm			
<b>Jacket</b>	Thickness	0.80mm×0.7mm(Nominal)			
	O.D.	6.85×9.65(6.85±0.2 mm , 2.8±0.1 mm)			
	Material	PE			
	Color	Black			
<b>Characteristic</b>					
<b>Item</b>			<b>Characteristics</b>		
Resistance (20°C)			9.38 Ω Per 100m (328ft)		
D-C Resistance Unbalance (percent) ,max			5%		
Resistance Tests (20°C)			1500MΩ-Km DC 500V		
Dielectric Tests			DC 500V/1min.or AC 350V/1min.		
Capacitance			Max.5.6Nf Per 100m (328ft)		
Capacitance unbalance			330 Pf Per 100m (328ft)		
Impedance(Ω)			100±15Ω		
<b>Frequency (MHz)</b>	<b>Attenuation dB/100M)</b>	<b>NEXT (dB/100m)</b>	<b>Structural Return Loss (dB/100m)</b>		
1	2.0	62	23		
10	6.5	47	23		
16	8.2	44	23		
20	9.3	42	23		
25	10.4	41	22		
31.25	11.7	39	21		
62.5	17.0	35	18		
100	22.0	32	16		