

## CAT5E F/UTP 26AWG 4PAIR PVC

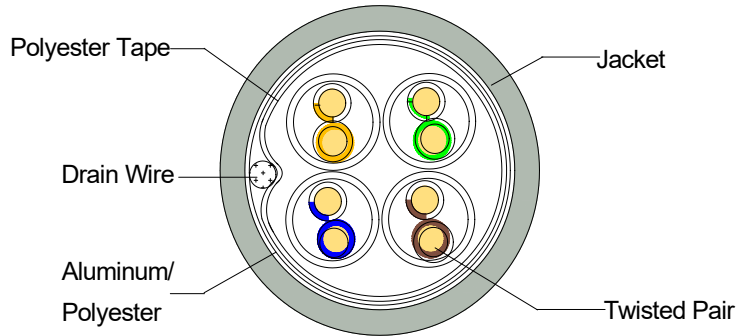
### STANDARDS

ANSI/TIA-568-C.2  
EN 50575

### APPLICATIONS

Connection between computer network card and module, connection between distribution frame and wiring, connection between distribution frame and HUB or switch

### CERTIFICATION



### CONSTRUCTION

Conductor Material	Stranded Bare Copper	
Conductor Number	8C(4 pairs)	
Cable AWG	26	
Construction(±0.01mm)	7/0.16	
Wrapping tape Overlap	Polyester Tape ≥25%	
Drain Wire (1/0.40)	Tinned copper	
Shield Overlap	aluminum/polyester ≥25%	
Insulation	Material	PE
	Nom. Thickness(mm)	0.21
	Diameter(±0.05mm)	0.90
Jacket	Material	PVC
	Nom. Thickness(mm)	0.75
	Diameter(±0.30mm)	5.80

### COLOR CODES

Insulation Color:

- P1: White / Blue & Blue
- P2: White / Orange & Orange
- P3: White / Green & Green
- P4: White / Brown & Brown

Jacket Color:

Option

### CABLE PRINTING

Option

### PACKAGING

Option

### TEST REQUIREMENT

FLUKE PATCH CORD TEST

### ELECTRICAL PERFORMANCE

Max. Conductor DC Resistance (Ω/km)	148	
Min. Insulation Resistance (ΩM-KM)	5000	
Dielectric Strength	DC-1KV/1 Min	
1.0-100MHZ Characteristic Impedance(ohms)	100±15	
1.0-100MHZ Delay Skew(ns/100m)	≤45	
Pair to Ground Capacitance Unbalance(PF/100m)	≤330	
Resistance Unbalance between pairs (%)	≤4	
Max Mutual Capacitance (nF/100m)	5.6	
Before Aging	Tensile Strength(Mpa)	≥13.5
	Elongation(%)	≥100
After Aging 100℃*24h*7d	Tensile Strength	≥75%
	Elongation(%)	≥50
Velocity of Propagation NVP	69%	

Approved By

Designed By