



Danicom
Connecting IT

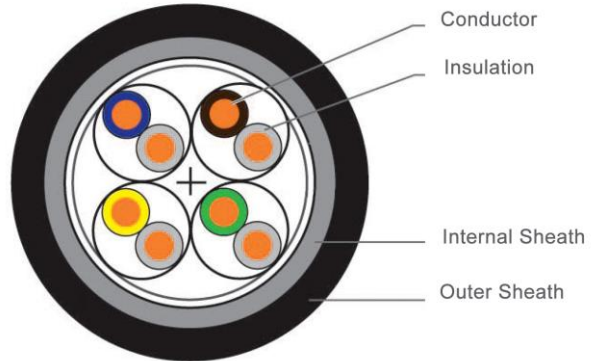
CAT6 UTP OUTDOOR CABLE DOUBLE SHEATH OC6

STANDARDS

ANSI/TIA-568.2-D
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



COLOR CODES

Insulation Color:

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

Jacket Color:

Options available

CABLE PRINTING

Customized available

PACKAGING

TEST REQUIREMENT

FLUKE PATCH CORD TEST

CONFIGURATION

Conductor Material		Stranded CCA
Construction		8C(4 pairs)
Conductor dia. ($\pm 0.005\text{mm}$)		7/0.18
Cable AWG		24
Separator		PE Cross
Insulation	Material	PE
	Thickness($\pm 0.05\text{mm}$)	0.26
	Diameter($\pm 0.08\text{mm}$)	0.88
Internal Sheath	Material	PVC
	Thickness($\pm 0.05\text{mm}$)	0.50
Outer Sheath	Material	PE
	Thickness($\pm 0.05\text{mm}$)	0.65
	Diameter($\pm 0.30\text{mm}$)	6.8

ELECTRICAL PERFORMANCE

Max. Conductor DC Resistance (Ω/km)		110
Min. Insulation Resistance ($M\Omega\text{-KM}$)		5000
Dielectric Strength		DC-1KV/1 Min
1.0-250MHZ Characteristic Impedance(ohms)		100 \pm 15
1.0-250MHZ Delay Skew(ns/100m)		≤ 45
Resistance Unbalance(%)		≤ 4
Max Mutual Capacitance (nF/100m)		5.6
Before Aging	Tensile Strength(Mpa)	≥ 9
	Elongation(%)	≥ 100
After Aging 100°C*24h*7d	Tensile Strength	$\geq 75\%$
	Elongation(%)	≥ 50
Velocity of Propagation NVP		69%

<i>Approved By</i>		<i>Designed By</i>	
--------------------	--	--------------------	--