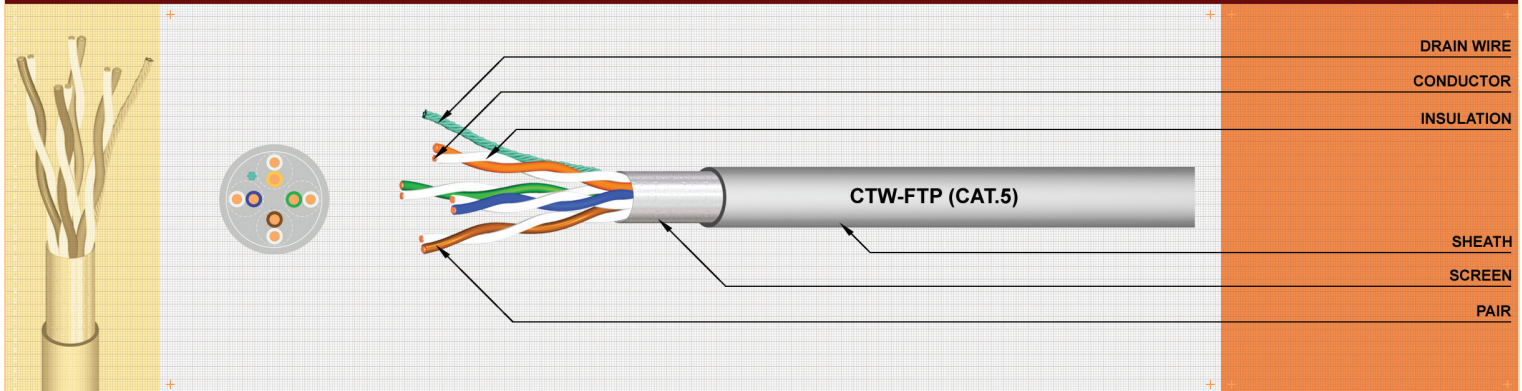




CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : **CTW - FTP (CAT.5)**

FOIL SCREENED TWISTED PAIR CABLE, FTP CATEGORY 5



CONSTRUCTION		ELETRICAL PROPEPERTIES		STANDARD
Conductor	24 AWG Solid copper	Characteristic Impedance	100 ohms +/- 15 ohms 1 - 100 MHz,	This cable meets or exceeds ANSI/TIA/EIA-568-A. Category 5, CENELEC EN50173, ICEA S-80-576 and ISO/IEC 11801
Insulation	Polyethylene, diameter 1.22 mm max.	Conductor Resistance	9.38 ohm/100m nominal	
Pair	2 Insulated conductors twisted together Lay varied to minimise crosstalk 4 Pair twist together	Mutual Capacitance	5.6 nF/100m max. at 1 kHz	
Screen	Aluminium polyester tape and tinned copper drain wire	Propogation Delay	5.7 ns/m at 10 MHz.	
Sheath	PVC or LSOH with making	Nom. Velocity of Prop., NVP	72%	APPLICATION - 100 Mb/s Ethernet - 155 Mb/s ATM and 100 Mb/s Fast Ethernet
OD diameter	6.6 mm nominal			

PACKAGING

Available in pull boxes (305m) or non-returnable reel of longer lengths

Electrical Characteristics

Technical changes without notice

Frequency MHz	Attenuation dB/100m max spec.	NEXT dB/100 m min Spec.	Return Loss dB min Spec.
0.772	1.8	64.0	-
1.0	2.0	62.0	23.0
4.0	4.1	53.0	23.0
8.0	5.8	48.0	23.0
10.0	6.5	47.0	23.0
16.0	8.2	44.0	23.0
20.0	9.3	42.0	23.0
25.0	10.4	41.0	22.0
31.3	11.7	39.0	21.0
62.5	17.0	35.0	18.0
100.0	22.0	32.0	16.0

Product Code : T32050004

pair Colour Coding

Pair 1	Blue/White-Blue
Pair 2	Orange/White-Orange
Pair 3	Green/White-Green
Pair 4	Brown/White-Brown