

## **PRODUCT : Cables Messengered CAT5e FTP +2\*0.50mm2 PW (siamese type)**



### **General description**

Lan cable Cat5e FTP Messengered and 2\*0.50mm<sup>2</sup> power wires Cable in siamese type, 4x2x24AWG BC, HDPE insulation, polyster, Foil shield, drain wire, 5.8\*4.8\*2.6mm PVC Jacket

### **Construction (Cat5e FTP):**

1. Inner conductor: 0.50mm Bare Copper
2. Insulation: 0.95mm HDPE
3. Shield: Polyster foil
4. Drain Wire: CCA or CCS wires
5. Shield: Aluminum Foil
6. Sheath: 5.80mm Black PVC Jacket
7. Messenger: 1.16mm Steel
8. Sheath: 2.60mm Black PVC Jacket

### **Construction (Power Wires):**

1. Inner conductor: 16\*0.18mm Bare Copper
2. Insulation: 1.8mm PVC (Black, Red)
3. Sheath: 4.80mm Black PVC

### **Standard**

TIA/EIA-568A、ISO/IEC11801、YD/T1019-2001

### **Typical Applications**

ISDN、10Base-T、1000Base-T4、100Base-TX、  
100VG-AnyLAN、155MbpsATM、622Mbps

### **Apply Situation**

Level subsystem part of synthetical wiring system

### **Electrical Characteristics**

Frequency MHz	Impedance ohm	RL dB (Min)	IL dB/100m (Max)	NEXT dB/100m (Min)	ELFEXT dB/100m (Min)	PS NEXT dB/100m (Min)	PS ELFEXT dB/100m (Min)
1	100±15	20	2	65,3	63,8	62,3	60,8
4		23,01	4,1	56,3	51,7	53,3	48,7
8		24,52	5,8	51,8	45,7	48,8	42,7
10		25	6,5	50,3	43,8	47,3	40,8
16		25	8,2	47,3	39,7	44,2	36,7
20		25	9,3	48,5	37,7	42,8	34,7
25		24,32	10,4	44,3	35,8	41,3	32,8
31,25		23,64	11,6	42,9	33,9	39,9	30,9
62,5		21,54	17	38,4	27,8	35,4	24,8
100		20,11	22	35,3	23,8	32,3	20,8