

## CAB-TEK6SJ-OUT

### Application:

Gigabit Ethernet

100 BASETX

100BaseVG-AnyLAN

155ATM,622AMT

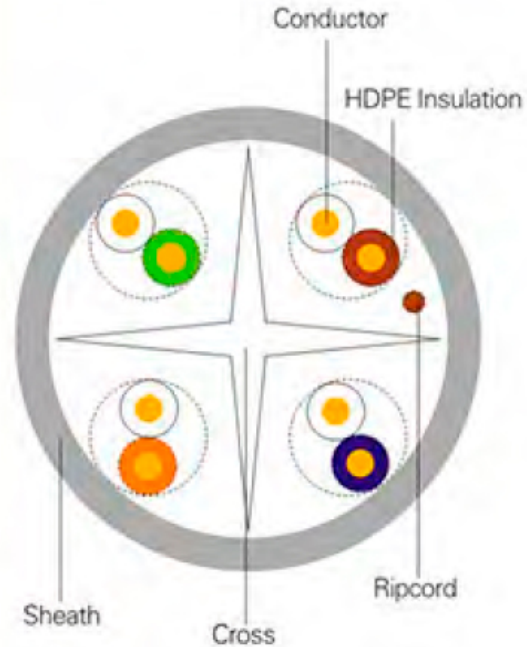
### Product Description:

Installation temperature:0°C TO +70°C

Cat6(250 MHZ)

Complied TIA-EIA568B standard

Other standard: ISO/IEC 11801



### Specification:

Inner Conductor:	0.56mm solid Copper
Gauge:	23AWG
Pairs:	4
Insulation:	1.0mm color-coded HDPE
Core Color:	1 White- Blue /Blue      2 White-Orange /Orange 3 White- Green /Green      4 White- Brown /Brown
Rip cord:	yes
Tape separator :	yes
Sheath:	6.3mm PE Jacket
Sheath color:	Black
Package:	305m/ wooden drum

### Electrical Characteristics at 20°C

1-250MHz Impedance:	250±15Ω
---------------------	---------

## Specifications



Conductor DC resistance(Max):	7.8Ω/100m
Resistance Unbalance(Max):	3%
Max. Operating Voltage:	300V
Insulation resistance(Min):	5000MΩ km
Operating Capacitance(Max):	5.6nF/100m
Phase delay(Max):	537ns/100m
Delay Skew(Max):	35ns/100m

### Transmission characteristics at 20°C

Frequency (MHz)	Return Loss Min (dB)	Attenuation Max (dB/100m)	NEXT Min (dB/100m)	PSNEXT Min (dB/100m)	ELFEXT Min (dB/100m)	PSELFEXT Min (dB/100m)
1	20	2.00	75.3	75.3	73.3	73.3
4	23	3.7	66.3	66.3	62.6	62.6
10	25	5.8	60.3	60.3	54.5	54.5
16	25	7.4	57.2	57.2	49.9	49.9
20	25	8.3	55.8	55.8	47.5	47.5
31.25	23.6	10.4	52.9	52.9	42.5	42.5
62.5	21.54	15	48.4	48.4	33.4	33.4
100	21.5	19.3	45.3	45.3	26	26
150	19.5	24.6	42.4	42.4	17.9	17.9
250	18	32.1	39.3	39.3	7.2	7.2

