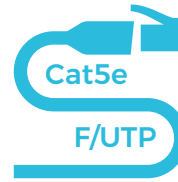


Product Specifications

Product family Zybrnet
Category Cat.5e
Product CAT5E F/UTP 26AWG 4PR Molded PVC
Item no. 010.01.722xxx
Edition 1.0



Approvals

ANSI/TIA-568-C.2 ISO/IEC 11801

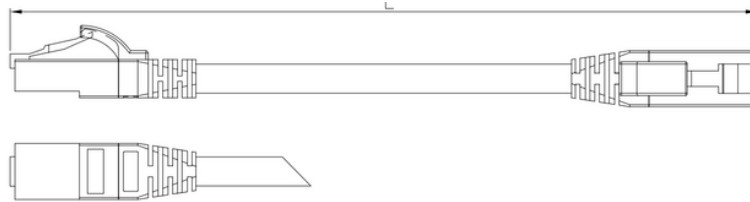
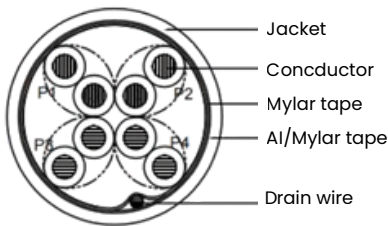
Compliance

✓ RoHS Compliance

Applications & Features

✓ 6 colors ✓ Bandwidth up to 100 MHz

Product figure

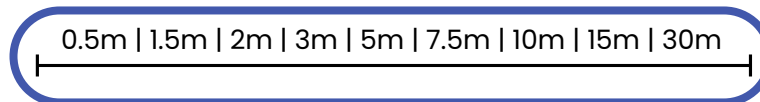


1. Blue×White / Blue
2. Orange×White / Orange
3. Green×White / Green
4. Brown×White / Brown

Color



Length



Constructions & Dimensions

<p>Conductor</p> <ul style="list-style-type: none"> No. of pair: 4 Material: Bare copper wire Construction: 7/0.16±0.008 <p>Insulation</p> <ul style="list-style-type: none"> Material: HDPE Nom. Thickness: 0.15 Nom. O.D: 0.78 <p>Binder</p> <ul style="list-style-type: none"> Material: Mylar tape 	<p>Drain wire</p> <ul style="list-style-type: none"> Material: Tinned copper wire Construction: 7/0.12±0.008 <p>Shielding</p> <ul style="list-style-type: none"> Material: Al/Mylar tape Overlap: 25% <p>Jacket</p> <ul style="list-style-type: none"> Material: PVC Nom. Thickness: 0.50 O.D.: 5.3±0.2
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Electrical Performance

Freq.	Insertion Loss	Return Loss	NEXT	PS-NEXT	EL FEXT	PS- ELFEXT
MHz	<u>dB</u> Max.	<u>dB</u> Min.	<u>dB</u> Min.	<u>dB</u> Min.	<u>dB</u> Min.	<u>dB</u> Min.
1	2.4	20.0	65.3	62.3	63.8	60.8
4	4.9	23.0	56.3	53.3	51.8	48.8
8	6.9	24.5	51.8	48.8	45.7	42.7
10	7.8	25.0	50.3	47.3	43.8	40.8
16	9.9	25.0	47.2	44.2	39.7	36.7
20	11.1	25.0	45.8	42.8	37.8	34.8
25	12.5	24.2	44.3	41.3	35.8	32.8
31.25	14.1	23.3	42.9	39.9	33.9	30.9
62.5	20.4	20.7	38.4	35.4	27.9	24.9
100	26.4	19.0	35.3	32.3	23.8	20.8

- Characteristic impedance: 100±15Ω.
- Conductor DC resistance: @20°C±3°C, ≤140.0Ω/km.
- Spark test for insulation (DC): 2.50kv.
- Propagation delay skew: ≤45ns/100m.

Marking

010.01.722xxx serie F/UTP CAT.5E TYPE 26AWG 4PR VERIFIED
ANSI/TIA-568-C.2 | ISO/IEC 11801

Version: 1.0
Date: 22/12/2025

