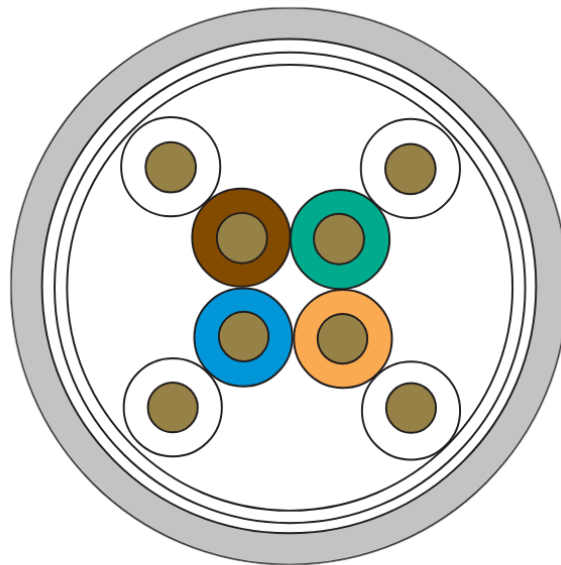


# GIGALAN

## F-UTP DATAKABEL 4X2AWG24 KATEGORI 5E



### ANVENDELSE

Bruges i strukturerede kabelsystemer som tele/data kabel mellem krydsfelt. Kablet er skærmet og derfor anvendeligt i støjfyldte miljøer.

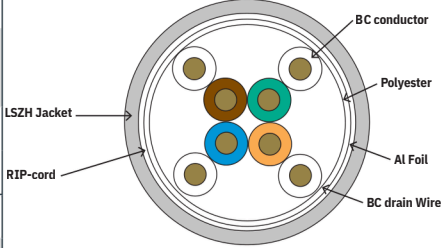
- Varenr.: 122306
- EANnr.: 5706683017506



### SPECIFIKATION



- Kategori: 5E F/UTP
- Transmissionshastighed: 1Gbps
- Frekvens: 100 Mhz
- Impedans: 100 +/- 15 ohm
- NVP værdi: 69 %
- EMC Klasse: C
- CPR: Eca
- DoP dok.: GL-122306
- Antal par: 4 par
- Leder: AWG24 massiv kobber
- Lederisolation: PE
- Skærm: Folie
- Kappe: LSZH, hvid
- UV-beständig: Ja
- Standard: EIA/TIA 568B.
- ISO/IEC 11801. EN50173-2
- Oplægning: Box 305 m

Category	FTP/CAT 5e-4P-LSZH						
Test Standard	ISO/IEC11801, TIA/EIA568B YD/T1019-2001						
1. Conductor	<b>Material</b>	<b>SOLID-BARE Copper</b>	<b>Technical Performance (100m)</b> (20o)				
	Nom. O.D. (mm)	0.511					
2. Insulation	<b>Material</b>	<b>HDPE</b>	RL      ATT      NEXT      DELAY (MHz)   ≥dB   ≤dB   ≥dB   ≤ns				
	Diameter	1.02±0.02mm					
Color	A. Blue, White-Blue	B. Orange, White-Orange	1   4.0   20.0   2.0   65.3   570.00 8.0   23.0   4.1   56.3   552.00 10.0   24.5   5.8   51.8   546.73 16.0   25.0   6.5   50.3   545.38 20.0   25.0   8.2   47.2   543.00 25.0   25.0   9.3   45.8   542.05 31.25   24.3   10.4   44.3   541.20 62.5   23.6   11.7   42.9   540.44 100   21.5   17.0   38.4   538.55 20.1   22.0   35.3   537.60				
	C. Green, White-Green	D. Brown, White-Brown					
3. Rip-cord	Yes	Drainwire    0.50mmBC	PSNEXT    ELFEXT    PSELFEXT (MHz)   ≥dB   62.3   ≥dB   ≥dB   61.0				
4. Shielded	AL Foil						
5. Sheath	Thickness	0.55±0.05 mm	1   4   8   53.3   64.0   49.0   42.9 10   16   48.8   52.0   41.0   36.9 20   25   47.3   45.9   35.0   33.0 31.25   44.4   44.0   31.1   25.1 62.5   42.8   39.9   21.0 100   41.3   38.0 39.9   35.8 35.4   34.1 32.3   26.1 24.0				
	External O.D	6.3±0.3mm					
	Surface	Clean, Frap, Sations					
	Material	CM/LSZH(complies RoHS)					
	Color	Multiple					
Surface Printing	Letter height	3.0±0.3mm	100   21.5   17.0   38.4   538.55 20.1   22.0   35.3   537.60				
	Color	Black					
	Print error & space	≤±0.5% 1m					
Packing	Carton, pallet		PSNEXT    ELFEXT    PSELFEXT (MHz)   ≥dB   62.3   ≥dB   ≥dB   61.0				
Carton demension	41*41*21cm						
Packring length	305 M						
Sheath Shysical Properties	Before Aging	Tersile Strength (Mpa) ≥13.5	1   4   8   53.3   64.0   49.0   42.9 10   16   48.8   52.0   41.0   36.9 20   25   47.3   45.9   35.0   33.0 31.25   44.4   44.0   31.1   25.1 62.5   42.8   39.9   21.0 100   41.3   38.0 39.9   35.8 35.4   34.1 32.3   26.1 24.0				
		Elongation(%) ≥150					
	Aging Period (°C X hrs)	100°C X 24h X 7d					
		Tensile Strength (Mpa) ≥12.5					
After Aging	Elongation(%) ≥125	100   41.3   38.0 39.9   35.8 35.4   34.1 32.3   26.1 24.0					
	Cold Bend (-20°C ± 2°C x 4h) No visible cracks						
Electrical Characheristics (20°C)	1.0-100.0 MHz, Characteristic impeacance (Ω) 100 ±15		100   41.3   38.0 39.9   35.8 35.4   34.1 32.3   26.1 24.0				
	1.0-100.0 MHz, Delay Shew 20°C (ns/100m) ≥45						
Electrical Characheristics (20°C)	DC Resistance 20°C (Ω/100m) max      9.38		100   41.3   38.0 39.9   35.8 35.4   34.1 32.3   26.1 24.0				
	DC Conductor Resistance Unbalance (%) max 25						

## OM LAN-COM

LAN-COM A/S har siden 1991 leveret driftssikre netværksløsninger, bl.a. med egne systemer som GIGA-LAN (kobber) og LAN-OPTIC (fiber) designet til danske krav samt dag-til-dag levering fra Smørum. Vi er en stærk partner på både små installationer og de helt store projekter.

