



Part No: TNTCF6

**Standards :**

- TIA/EIA-568.B.2-1

**Application :**

- High Speed Horizontal Cabling
- 100Mbps TPDDI
- 1000 Base-T

# TAIKO

- 622 Mbps ATM
- IEEE 802.3
- 10 Base-T
- 100 Base-T4
- 100 Base-X
- IEEE 802.5
- 100 Base-VG
- Gigabit Ethernet

**Yapısı / Construction**

Tipi Type	Çiftler Pairs	İletken Conductor	Yalıtkan Kalınlığı Insulation	Dış Çap Outer	Kaplama Jacket	Yalıtkan Insulation	
			Thickness	Diameter			
		mm		mm			
Horizontal Cable	PVC	4	23AWG	0.289mm	7.3mm	PVC	HDPE
	LSZH	4	23AWG	0.289mm	7.3mm	LSZH	HDPE

**Elektriksel Özellikler / Electrical Properties :**

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Max. iletken direnci / Max. conductor resistance	93.8Ω/km @20°C
Max. karşılıklı kapasitans / Max. mutual capacitance	5.6nF/100m
Max. direnç dengesizliği / Max. resistance unbalance	5%
Max. kapasitans dengesizliği / Max. capacitance unbalance	330 pF/100m

**Elektriksel Performans / Electrical Performance**

Frekans Frequency MHz	Empedans Impedance Ohm	Zayıflama Attenuation Min.dB/100m	Return Loss dB	NEXT Min.dB/100m	P.S NEXT Min.dB/100m	FEXT Min.dB/100m	P.S ELNEXT Min.dB/100m
1	100 ± 15	2.0	21.0	74.3	72.3	67.8	64.8
4	100 ± 15	3.8	23.4	65.6	63.3	55.7	52.7
8	100 ± 15	5.4	24.6	60.8	58.8	49.7	46.7
10	100 ± 15	6.0	25.0	59.3	57.3	47.8	44.8
16	100 ± 15	7.7	25.0	56.3	54.3	43.7	40.7
20	100 ± 15	8.6	25.0	54.8	52.8	41.7	38.7
25	100 ± 15	9.6	24.3	53.3	51.3	39.8	36.8
31.25	100 ± 15	10.8	23.6	51.9	49.9	37.9	34.9
62.5	100 ± 15	15.7	21.5	47.4	45.4	31.8	28.8
100	100 ± 15	20.2	20.1	44.3	42.3	27.8	24.8
200	100 ± 15	29.8	18.0	39.8	37.8	21.7	18.7
250	100 ± 15	33.8	17.3	38.3	36.3	19.8	16.8