

Indoor

UTP

Copper

Product Highlights

- REACH & RoHS 2 compliant
- Made in U.S.A.
- Low Smoke Plenum construction
- Tested from 1 to 16 MHz

Packaging

- 1,000 foot (305m) reels
- Reverse sequential footage markings standard on each 1,000 foot package

Options

- Available in 25-, 50-, 100-, 200- and 300-pair constructions
- Consult factory for design and availability of 400-pair constructions

Applications

- Including:
10 BASE-T
4/16 Mbps Token Ring
25.6 Mbps ATM

Temp. Range

- Storage Temperature
-40°C to +60°C
(-40°F to +140°F)
- Installation Temperature
0°C to +60°C
(+32°F to +140°F)
- Operation Temperature
-20°C to +75°C
(-4°F to +167°F)

Category 3 Power Sum Multi-pair UTP (Plenum)

c(UL)us Listed Type CMP (NFPA 262), CSA Type FT6

PART #	# OF PAIRS	CALCULATED CABLE O.D.		CABLE WEIGHT	
		inches	mm	lbs/1000 ft	kg/305 m
30134-50	25	0.38	9.7	111.43	50.54
30134-100	50	0.446x0.646	11.316x16.396	219.95	99.77
30134-200	100	0.810	20.57	436.63	198.05
30134-400	200	1.151	29.235	874.94	396.87
30134-600	300	1.33	33.7	1275.83	578.71

Note: Standard/stock color for plenum cable is white.

Category 3 Power Sum Multi-pair UTP (Riser)

c(UL)us Listed Type CMR (UL 1666), CSA Type FT4

PART #	# OF PAIRS	CALCULATED CABLE O.D.		CABLE WEIGHT	
		inches	mm	lbs/1000 ft	kg/305 m
39228-50	25	0.371	9.423	104.95	47.60
39228-100	50	0.420x0.641	10.669 x 16.280	202.43	91.82
39228-200	100	0.743	18.872	402.01	182.34
39228-400	200	1.040	26.416	794.70	360.46
39228-600	300	1.310	33.274	1176.73	533.76

Note: Standard/stock color for riser cable is gray.

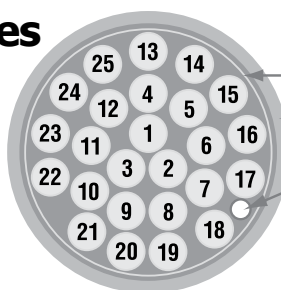
Features

Primary Insulation



24 AWG Bare Copper

PAIR DETAIL



Nylon Binder Under Overall Jacket
Overall Jacket
Rip Cord Pulled Under Overall Jacket

DIELECTRIC MATERIALS

PLENUM

Primary Insulation: Plenum-rated fluoropolymer
Overall Jacket (<100-pair): Low-smoke, Flame-retardant Thermoplastic

RISER

Primary Insulation: Polyolefin
Overall Jacket (<100-pair): Flame-retardant Thermoplastic

Hitachi Cable America reserves the right to revise any specifications.

Cat 3 Multi-Pair

Transmission Specifications

ANSI/TIA-568.2-D Category 3 Verified

Frequency (MHz)	Insertion Loss	NEXT Loss	ACR	Structural Return Loss
1	2.6	41.3	38.7	12.0
4	5.6	32.3	26.7	12.0
8	8.5	27.8	19.3	12.0
10	9.7	26.3	16.6	12.0
16	13.1	23.2	10.1	10.0

All values are dB/100m.



Copper

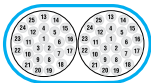
Photo is for representation purposes only.

Electrical Characteristics

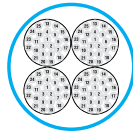
Input Impedence:	100 ± 15Ω (1.0 to 16 MHz)
Maximum Resistance Unbalance:	5%
Maximum Capacitance Unbalance:	330 pF/100 meters
Maximum Delay Skew:	45 ns/100 meters
Voltage Rating:	300 Volts



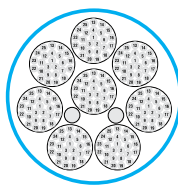
25-pair



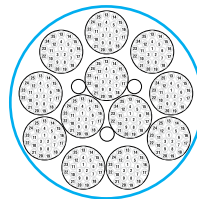
50-pair



100-pair



200-pair



300-pair