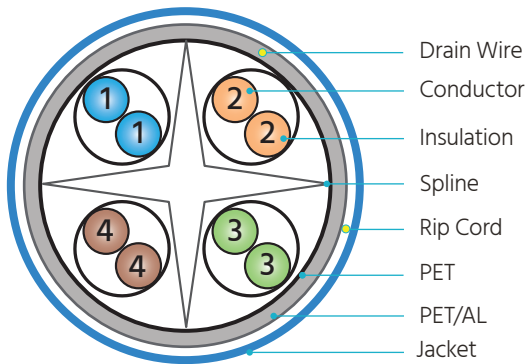


F/UTP SOLID CMP PLENUM-RATED
550MHz, 23AWG

For more information or to order, please contact **Monoprice Sales Representative** or sales@monoprice.com

Construction

Conductor	0.55 ±0.02mm
Material:	Soft annealed bare copper wire
Insulation:	FEP
Nominal Wall:	0.20mm
Diameter:	1.05±0.05mm
Filler	
Overall Shield	
Material:	Aluminum Foil-Polyester Tape
Drain Wire	
Material:	Solid Tinned Copper
Diameter:	0.40±0.01mm
Rip Cord	Under the sheath
Jacket	LSFR-PVC
Nominal wall thickness of sheath: 0.45mm	
Outer Diameter: 7.3±0.5mm	



Color of Pairs

- Pair 1 White/Blue + Blue
- Pair 2 White/Orange + Orange
- Pair 3 White/Green + Green
- Pair 4 White/Brown + Brown



Ratings/Certifications

ANSI, TIA, EIA-568-B, UL 444, CSA C22.6 CEC
ETL VERIFIED, UL 444 CM, UL LISTED/CUL: E329415, CMP, ROHS 2

Electrical Characteristics

ITEM	ATT	NEXT	RL	PS-NEXT	ELFEXT
	dB/100m	dB	dB	dB	dB
	Max.	Min.	Min.	Min.	Min.
1	3.0	65.0	19.1	62.0	64.2
4	3.5	64.1	21.0	61.8	52.1
8	5.0	59.4	21.0	57.0	46.1
10	5.5	57.8	21.0	55.5	44.2
16	7.0	54.6	20.0	52.2	40.1
20	7.9	53.1	19.5	50.7	38.2
25	8.9	51.5	19.0	49.1	36.2
31.25	10.0	50.0	18.5	47.5	34.3
62.5	14.4	45.1	16.0	42.7	28.3
100	18.6	41.8	14.0	39.3	24.2
200	27.4	36.9	11.0	34.3	18.2
250	31.1	35.3	10.0	32.7	16.2

NOTE: FLUKE TIA Cat6 Perm.Link Test

Conductor Resistance@20 °C	≤ 93.8 Ohms/km
Unbalance Conductor DC Resistance	≤ 5%
Mutual Capacitance	≤ 56nF/km
Pair to Ground Capacitance Unbalance	≤ 330pF/100m

Mechanical Characteristics

Storage Temperature Range	-15 °C to 75 °C
Installation Temperature Range	0 °C to 60 °C
Maximum Pulling Force	25 lbs.
Minimum Bend Radius (Install)	65mm