



### Category 6A F/UTP XGO™ (Cont.)

Tested to 750 MHz

Mohawk Part No.	Cable Type	Dielectric Type	Jacket Type Diameter		Weight		Listings
			Inch	mm	lbs/M'	kg/km	
<b>M58817</b> Riser	4-pair 23 AWG F/UTP	Thermoplastic	White PVC .303      7.7		45	67	CMR
<b>M58782</b> Plenum	4-pair 23 AWG F/UTP	FEP	White ThermoPlen®* .290      7.37		48	71	CMP



\*Plenum rated Thermoplastic. For pair colors, see Chart A Page 52.

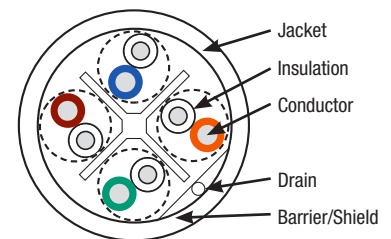
Jacket Colors for 4-pair Riser

Jacket Color	Mohawk #	Jacket Color	Mohawk #
White	<b>M58817</b>	Green	<b>M58897</b>
Blue	<b>M58816</b>	Red	<b>M58898</b>
Pink	<b>M58896</b>	Orange	<b>M58899</b>
Yellow	<b>M58894</b>	Black	<b>M58900</b>
Gray	<b>M58895</b>	Violet	<b>M58901</b>

Jacket Colors for 4-pair Plenum

Jacket Color	Mohawk #	Jacket Color	Mohawk #
White	<b>M58782</b>	Green	<b>M58889</b>
Blue	<b>M58781</b>	Red	<b>M58890</b>
Pink	<b>M58888</b>	Orange	<b>M58891</b>
Yellow	<b>M58886</b>	Black	<b>M58892</b>
Gray	<b>M58887</b>	Violet	<b>M58893</b>

Custom colors available; please call (800) 422-9961



FREQ (MHz)	Insertion Loss (dB/100 m)	NEXT (dB/100 m)	PS-NEXT (dB/100 m)	ACRF (dB/100 m)	PS-ACRF (dB/100 m)	Return Loss (dB)	Prop Delay (ns/100 m)	Alien Crosstalk	
	max	min	min	min	min	min	max	PS-ANEXT (dB/100 m)	PS-AACRF (dB/100 m)
1.0	2.1	74.3	72.3	67.8	64.8	20.0	570.0	67.0	67.0
4.0	3.8	65.3	63.3	55.8	52.8	23.0	552.0	67.0	66.2
8.0	5.3	60.8	58.8	49.7	46.7	24.5	546.7	67.0	60.1
10.0	5.9	59.3	57.3	47.8	44.8	25.0	545.4	67.0	58.2
16.0	7.5	56.2	54.2	43.7	40.7	25.0	543.0	67.0	54.1
20.0	8.4	54.8	52.8	41.8	38.8	25.0	542.0	67.0	52.2
25.0	9.4	53.3	51.3	39.8	36.8	24.3	541.2	67.0	50.2
31.25	10.5	51.9	49.9	37.9	34.9	23.6	540.4	67.0	48.3
62.5	15.0	47.4	45.4	31.9	28.9	21.5	538.6	65.6	42.3
100.0	19.1	44.3	42.3	27.8	24.8	20.1	537.6	62.5	38.2
155.0	24.1	41.4	39.4	24.0	21.0	18.8	536.9	59.6	34.4
200.0	27.6	39.8	37.8	21.8	18.8	18.0	536.5	58.0	32.2
250.0	31.1	38.3	36.3	19.8	16.8	17.3	536.3	56.5	30.2
300.0	34.3	37.1	35.1	18.3	15.3	16.8	536.1	55.3	28.7
350.0	37.2	36.1	34.1	16.9	13.9	16.3	535.9	54.3	27.3
400.0	40.1	35.3	33.3	15.8	12.8	15.9	535.8	53.5	26.2
500.0	45.3	33.8	31.8	13.8	10.8	15.2	535.6	52.0	24.2

#### Grounding Tip (or Practice)

It is imperative when installing any high performance data cable, such as Mohawk's XGO F/UTP cable, that the shield MUST be grounded properly to ensure its effectiveness. If a shield is not properly grounded, it acts like an antenna and captures emanating ANEXT, EMI and RFI noise, coupling it to the cable pairs. XGO F/UTP is constructed with a drain wire which provides an easy installation solution for grounding the shield. Shielded cable should only be grounded at one end to eliminate potential ground loops. This grounding normally occurs on the closet side of the installation.