

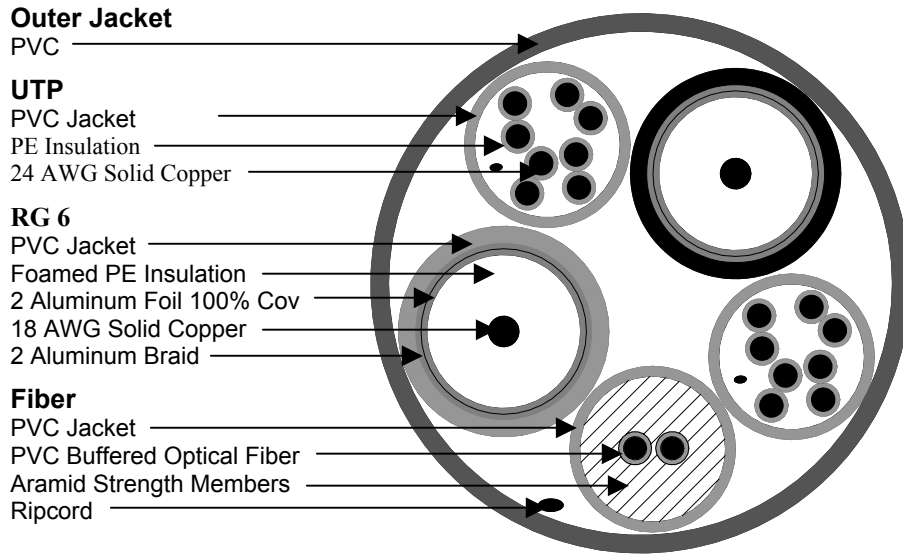
Residential Cable

2 x Cat5e/2 x RG6 Quad/2 Fiber IC

CATALOG #UH58380

Non-Plenum Type CMR-OF

2xCat5e/2xRG6quad/2 Fiber Cable (Pictured)



Pair Identification:

(Note: All Commons have solid coextruded color stripes)

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

Sub-Unit Identification

White	UTP
Gray	UTP
White	RG6
Black	RG6
Orange	Fiber

Catalog Number	Cable Design	Nominal Cable OD	Weight (lb/1000')	Nominal Cat5 OD	Nominal Fiber OD	Nominal RG6 OD	Jacket Color
UH58380	2xCat5e + 2xRG6 + 2-Fiber	.664"	152	.200"	.150"	.300"	Orange/Blue



1100 CommScope Place SE
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Fax:
 Int'l Fax:

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Electrical Performance

Frequency MHz	Attenuation (dB/100m) Max	Pair to Pair		Return Loss (dB) Min	ACR (dB) Min	Power Sum		
		NEXT (dB) Min	ELFEXT (dB/100m) Min			NEXT (dB) Min	ELFEXT (dB/100m) Min	ACR (dB) Min
.772	1.8	67	66	NA	65	64	63	62
1.0	2.0	65	64	20.0	63	62	61	60
4.0	4.0	56	52	23.0	52	53	49	49
8.0	5.8	52	46	24.5	45	48	43	43
10.0	6.5	50	44	25.0	44	47	41	41
16.0	8.2	47	40	25.0	39	44	37	36
20.0	9.2	46	38	25.0	37	42	35	34
25.0	10.4	44	36	24.3	34	41	33	31
31.25	11.7	43	34	23.6	31	40	31	28
62.5	17.0	38	28	21.5	21	35	25	18
100.0	22.0	35	24	20.1	13	32	21	10

(All tests include swept frequency measurements)

NEXT, and Power Sum values are derived from functions and truncated to the nearest whole dB

Characteristic Impedance	100 ohms \pm 15%
Capacitance	14 pF/ft nominal
DC Resistance/Unbalance	28.6 ohms/1000' Max/3.5% Max
Dielectric Breakdown	2500 Volts DC Conductor to Conductor
Nom. Velocity of Propagation	PE = 71%
Maximum Skew	11ns @ 100 meters

RG 6 Electrical Performance

Impedance	75 ohms
Capacitance	53.1 pF/m
Velocity Of Prop.	84%
Shield DCR (km)	17.4 ohms
Conductor DCR (km)	21.3 ohms
SRL 5 – 1000 MHz	20 dB
1001 – 2200 MHz	15 dB

Attenuation

Frequency MHz	Attenuation dB/100 ft.
50	1.46
100	1.95
200	2.73
1000	6.30
1450	7.60
1800	8.20



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Tight Buffer Optical Fiber Performance

	Multimode 850nm/1300nm
	62.5/125um
	FDDI
Max. Attenuation (dB/km)	3.7/1.5
Typical Attenuation (dB/km)	3.0/0.9
Minimum Bandwidth (Mhzkm)	200/500
*Gigabit Ethernet minimum distance (m)	300/700

* Subject to attenuation constraints