



# LOCAL AREA NETWORK PLENUM CABLE

## CATEGORY 5, 350 mhz

NEC 800 TYPE CMP/MPP  
CSA TYPE PCC FT-6  
ETL VERIFIED TO EIA/TIA  
24 AWG

### IMPEDANCE

FREQ. (MHz)	Ohms
0.772	102 ± 15%
100.0-350.0	100 ± 15%

### DESCRIPTION:

Solid bare copper, insulated, twisted, jacketed

### APPLICATIONS:

IBM Type 3 IEEE 802.3 (10 BASE T), Ethernet IEEE 802.5 16Mbps  
Token Ring, other high speed data applications up to and including  
20Mbps data transmission rates

**COLOR CODE:** Chart 9 Modified, Back cover

**PACKAGING:** Spool or dispenser box designated by U at end of PN

OLYMPIC NO.	NUMBER OF PAIRS	NOM. OD (INCH)
3604M55	4	.174"

### DC CONDUCTOR RESISTANCE -

MAX. INDIVIDUAL .....	25.7Ohms/kFT
MUTUAL CAPACITANCE @ 1MHz -	
MAX. INDIVIDUAL .....	14pF/kFT
CAPACITANCE UNBALANCE PAIR TO GROUND -	
MAX. INDIVIDUAL .....	1000pF/kFT

ATTENUATION		NEAR-END CROSSTALK LOSS	
FREQ. (MHz)	MAX. IND. (dB/kFT)	FREQ. (MHz)	MIN. IND. (dB/kFT)
0.772	5.7	0.772	58
1.0	6.5	1.0	56
4.0	13.0	4.0	47
8.0	19.0	8.0	42
10.0	22.0	10.0	41
16.0	27.0	16.0	28
20.0	31.0	20.0	36

## CATEGORY 5E

SHIELDED

**DESCRIPTION:** Solid bare copper, insulated, twisted,  
aluminum mylar shield and drain wire, jacketed

OLYMPIC NO.	NUMBER OF PAIRS	NOM. OD (INCH)
3804M5	4	.250"

## CATEGORY 5E

NEC 800 TYPE CMP/MPP  
CSA TYPE PCC FT-6  
ETL VERIFIED TO EIA/TIA  
24 AWG

### IMPEDANCE

FREQ. (MHz)	Ohms
0.772	102 ± 15%
1.0-100.0	100 ± 15%

### DESCRIPTION:

Solid bare copper, insulated, twisted, white jacket\*

### APPLICATIONS:

IBM Type 3 IEEE 802.3 (10 BASE T), Ethernet IEEE 802.5 16Mbps  
Token Ring, other high speed data applications up to and including  
100Mbps data transmission rates

**COLOR CODE:** Chart 9 Modified, Back cover

**PACKAGING:** Spool or dispenser box designated by U at end of PN

OLYMPIC NO.	NUMBER OF PAIRS	NOM. OD (INCH)
3602M5U	2	.147"
3604M5U	4	.170"
3625M5E	25	.341"

### DC CONDUCTOR RESISTANCE -

MAX. INDIVIDUAL .....	25.7Ohms/kFT
MUTUAL CAPACITANCE @ 1MHz -	
MAX. INDIVIDUAL .....	14pF/kFT
CAPACITANCE UNBALANCE PAIR TO GROUND -	
MAX. INDIVIDUAL .....	1000pF/kFT

ATTENUATION		NEAR-END CROSSTALK LOSS	
FREQ. (MHz)	MAX. IND. (dB/kFT)	FREQ. (MHz)	MIN. IND. (dB/kFT)
0.772	5.5	0.772	64
1.0	6.3	1.0	62
4.0	13.0	4.0	53
8.0	18.0	8.0	48
10.0	20.0	10.0	47
16.0	25.0	16.0	44
20.0	28.0	20.0	42
25.0	32.0	25.0	41
31.25	36.0	31.25	40
62.5	52.0	62.5	35
100.0	67.0	100.0	32

\*Other color jackets available