



## Communications Circuits Voice & Data Cables



### Enhanced Category 5e – 350 Mhz

<b>CONSTRUCTION:</b>	24 AWG SOLID BARE COPPER, 4 UNSHIELDED TWISTED PAIRS, FRPE INSULATION, RIP CORD, FRPVC JACKET, OPERATING TEMPERATURE 75C, 300 VOLTS.
<b>APPLICATIONS:</b>	1000 BASE-T (GIGABIT ETHERNET); 100 BASE-T (FAST ETHERNET); 10 BASE-T (IEEE 802.3); 4/16 Mbps TOKEN RING (IEEE 802.5); 100 VG-Any LAN; 100 Mbps TP-PMD (ANSI X3T9.5); 55/155 Mbps ATM; VOICE, ISDN, Video to Desktop, Multimedia
<b>COMPLIANCE:</b>	ETL VERIFIED ANSI TIA/EIA-568B.2, UL SUBJECT 444, (UL) c(UL) TYPE CMR/CMG, TYPE CM/CMH, ICEA-S-90-661, NEC ARTICLE 800 TYPE CMR OR CM, ISO/TEC 11801.
<b>PRINT:</b>	E118871 (T) 4PR 24AWG CMR (UL) c(UL) 75C CSA CMG ETL VERIFIED TO ANSI TIA/EIA-568-B.2 CATEGORY 5E 350 MHZ. SEQUENTIAL FOOTAGE MARKING.
<b>FEATURES/OPTIONS AVAILABLE:</b>	AVAILABLE IN 1000 FT. BOXES OR REELS. REEL-IN-A-BOX UPON REQUEST. JACKET COLORS OTHER THAN LISTED BELOW, CONSULT FACTORY. COLOR CODE (Orange&White/Orange, Green & White/Green, Blue & White/Blue Brown & White/Brown).

### RISER RATED - CMR



AWG	# PAIRS	IMP. OHMS	CABLE TYPE	NOM. O.D.	UL LISTINGS	AVG LBS PER MFT	TAPPAN SPEC #
24	4	100±15	UTP	.180	CMR, CMG	22	R19776.X

Jacket Color = .X 1 = gray, 3=blue, 4=white, 5=yellow, 7=red, 9=green

<b>CONSTRUCTION:</b>	24 AWG SOLID BARE COPPER, 4 UNSHIELDED TWISTED PAIRS, FEP INSULATION, RIP CORD, FRPVC JACKET, OPERATING TEMPERATURE 75C, 300 VOLTS.
<b>APPLICATIONS:</b>	1000 BASE-T (GIGABIT ETHERNET); 100 BASE-T (FAST ETHERNET); 10 BASE-T (IEEE 802.3); 4/16 Mbps TOKEN RING (IEEE 802.5); 100 VG-Any LAN; 100 Mbps TP-PMD (ANSI X3T9.5); 55/155 Mbps ATM; VOICE, ISDN, Video to Desktop, Multimedia
<b>COMPLIANCE:</b>	ETL VERIFIED ANSI TIA/EIA-568B.2 CATEGORY 5e, ISO/IEC 11801 Ed 2.0.(CLASS D) APPROVED FOR PLENUM USE WITHOUT CONDUIT PER NEC ARTICLE 800 BY PASSING UL-910 STEINER TUNNEL TEST AND CSA CMP. UL LISTED CMP c(UL).
<b>PRINT:</b>	E118871 4PR 24AWG CMP (UL) c(UL) ETL VERIFIED TO ANSI TIA/EIA-568-B.2 CATEGORY 5E 350 MHZ. SEQUENTIAL FOOTAGE MARKING.
<b>FEATURES/OPTIONS AVAILABLE:</b>	AVAILABLE IN 1000 FT. BOXES OR REELS. REEL-IN-A-BOX UPON REQUEST. JACKET COLORS OTHER THAN LISTED BELOW, CONSULT FACTORY. COLOR CODE (Orange&White/Orange, Green & White/Green, Blue & White/Blue, Brown & White/Brown).

### PLENUM RATED - CMP



AWG	# PAIRS	IMP. OHMS	CABLE TYPE	NOM. O.D.	UL LISTINGS	AVG. LBS. PER MFT	TAPPAN SPEC #
24	4	100±15	UTP	.185	CMP	24	P19915.X

Jacket Color = .X 1 = white, 2=blue, 3=gray, 4=red, 5=yellow, 6=green

FREQUENCY (MHz)	ATTENUATION (dB/100m)	NEXT (dB)	ACR (dB)	PSNEXT (dB)	PSACR (dB)	ELFEXT (dB)	PS.ELFEXT (dB)	RETURN Loss (dB)	CHARACTERISTIC IMPEDANCE 1-350 MHz (OHMS)
1	2	74.3	72.3	72.3	70.3	67.8	64.8	20	100 ± 15
4	3.8	65.5	61.5	63.3	59.5	55.7	52.7	23	100 ± 15
8	5.4	60.8	55.4	58.8	53.4	49.7	46.7	24.5	100 ± 15
10	6	59.3	53.3	57.3	51.3	47.8	44.8	25	100 ± 15
16	7.6	56.3	48.7	54.3	46.7	43.7	40.7	25	100 ± 15
20	8.5	54.8	46.3	52.8	44.3	41.7	38.7	25	100 ± 15
25	9.6	53.3	43.7	51.3	41.7	39.8	36.8	24.3	100 ± 15
31.25	10.7	51	41.2	49.9	39.2	37.9	34.9	23.6	100 ± 15
62.5	15.5	47.4	31.9	45.1	29.9	31.8	28.8	21.5	100 ± 15
100	19.9	44.3	24.4	42.3	22.4	27.8	24.8	20.1	100 ± 15
155	25.3	41.5	16.2	39.5	14.2	23.9	20.9	18.8	100 ± 15
200	29.2	39.8	10.6	37.8	8.6	21.7	18.7	18	100 ± 15
240	36	32.6	-	30.6	-	16.2	13.2	17.4	100 ± 15
300	41	31.2	-	29.2	-	14.2	11.2	16.8	100 ± 15
350	44.9	30.1	-	28.1	-	12.9	9.9	16.3	100 ± 15