



REMOTE CONTROL, SIGNALING & POWER LIMITED CIRCUITS

UL CMP/CL3P

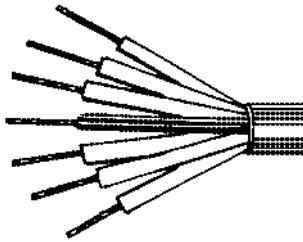
EXTRA FLEXIBLE PLENUM CABLE NEC 800, 725

Unshielded

DESCRIPTION:
Stranded bare copper, insulated,
conductors cabled, white jacket

COLOR CODE:
See Chart 1, Page 94

*See Chart 3, Page 94



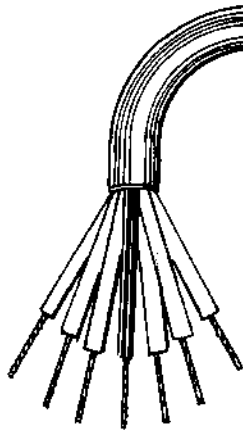
OLYMPIC NO.	NO. OF COND.	CONDUCTOR AWG	CONDUCTOR STRAND	NOM. O.D.
* 2002T	2	22	7/30	.115"
2003T	3	22	7/30	.125"
2004T	4	22	7/30	.130"
2006T	6	22	7/30	.155"
2008T	8	22	7/30	.170"
2010T	10	22	7/30	.200"
2012T	12	22	7/30	.205"
2781T	2	20	7/28	.130"
2103T	3	20	7/28	.140"
2104T	4	20	7/28	.155"
3752-725	2	18	Solid	.135"
3754-725	4	18	Solid	.155"
3756-725	6	18	Solid	.190"
3759-725	8	18	Solid	.205"
3761-725	10	18	Solid	.240"
2202T	2	18	7/strd	.150"
2203T	3	18	7/strd	.160"
2204T	4	18	7/strd	.170"
2206T	6	18	7/strd	.210"
2208T	8	18	7/strd	.230"
2210T	10	18	7/strd	.270"
2212T	12	18	7/strd	.300"
3758-725	2	16	Solid	.160"
2302T	2	16	19/strd	.180"
2304T	4	16	19/strd	.215"
2342T	2	14	19/strd	.220"
2344T	4	14	19/strd	.260"
2362T	2	12	19/strd	.255"



MULTI-CONDUCTOR CABLE JACKETED/UNSHIELDED

UL CLASSIFIED CM/CL2

UNSHIELDED AUDIO CABLE-STRANDED CONDUCTORS



OLYMPIC NO.	UL STYLE NUMBER	NO. COND.	CONDUCTOR SIZE	STRAND	NOM. WALL THICK.	NOM. JACKET THICK.	NOM. O.D.	COLOR CODE	SUGG. WORK. VOLTAGE
2002		2	22	7/30	.010"	.032"	.164"		300
2003		3	22	7/30	.010"	.032"	.169"		300
2004		4	22	7/30	.010"	.032"	.194"		300
2005		5	22	7/30	.010"	.032"	.199"		300
2006		6	22	7/30	.010"	.032"	.209"		300
2007		7	22	7/30	.010"	.032"	.214"		300
2008	UL 2464 (300v)	8	22	7/30	.010"	.032"	.224"		300
2009		9	22	7/30	.010"	.032"	.249"		300
2010		10	22	7/30	.010"	.032"	.259"		300
2012		12	22	7/30	.010"	.032"	.279"		300
2015		15	22	7/30	.010"	.032"	.304"		300
2020		20	22	7/30	.010"	.032"	.324"		300
2025		25	22	7/30	.010"	.032"	.364"		300
2030		30	22	7/30	.010"	.032"	.379"		300
2040		40	22	7/30	.010"	.032"	.439"		300
2050		50	22	7/30	.010"	.032"	.500"		300
2060		60	22	7/30	.010"	.032"	.530"		300

See Color Code Chart #8 Page 96

DESCRIPTION:
Stranded tinned copper,
color coded vinyl insulation,
conductors twisted,
gray vinyl jacket overall.

- Unbalanced intercom systems.
- Low voltage relay control cable.
- Electronic computer cable.
- Interconnecting cables.
- PA systems.
- Remote control circuits.
- Telephones & telemetering connecting cable.

-20°C TO +80°C

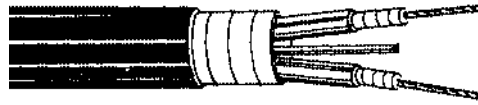
2781	Wires, Misc.	2	20	7/28	.018"	.025"	.190"	Black Red	300
2103	2509 (300V)	3	20	7/28	.016"	.020"	.190"	Chart 1 Page 94	300
2104	2464 (300V)	4	20	7/28	.013"	.032"	.217"	Chart 1 Page 94	300
2105	2464 (300V)	5	20	7/28	.013"	.032"	.239"	Chart 1 Page 94	300
2106	2509 (300V)	6	20	7/28	.016"	.020"	.255"	Chart 8 Page 96	300
2107	2464 (300V)	7	20	7/28	.013"	.032"	.260"	Chart 1 Page 94	300
2108	2509 (300V)	8	20	7/28	.016"	.020"	.270"	Chart 8 Page 96	300
2109		9	20	7/28	.013"	.035"	.317"	Chart 1 Page 94	300
2110	UL 2464 (300v)	10	20	7/28	.016"	.032"	.350"	Chart 8 Page 96	300
2112		12	20	7/28	.013"	.035"	.338"	Chart 1 Page 94	300
2115		15	20	7/28	.013"	.040"	.389"	Chart 2 Page 94	300

Passes the VW-1 (Fr-1) vertical flame test

DESCRIPTION: Bare stranded copper conductor, separator, fillers, EPR insulation, and CPE jacket

APPLICATION: For light, medium and heavy duty power supply to appliances, office equipment, small motors, heavy duty equipment and generators. SO jacket resists oil, ozone, sunlight and moisture.

Color Code: 1)White 2)Black 3)Green 4)Red



OLYMPIC NO.	UL STYLE NO.	SIZE (Awg) NO. OF COND.	WT./M (lbs.)	INSUL. THICKNESS (in.)	NOM. O.D. (in.)	AMPS
RUBBER JACKET - 300 VOLTS 90°C						
6300	SV	18-2	40	.016"	.245"	7
6301	SV	18-3	48	.016"	.255"	7
6303	SJ	18-2	46	.030"	.280"	10
6723	SJ	18-3	58	.030"	.300"	7
6724	SJ	18-4	82	.030"	.360"	6
6302	SJ	16-2	56	.030"	.305"	10
6733	SJ	16-3	78	.030"	.325"	10
6734	SJ	16-4	96	.030"	.350"	8
6742	SJ	14-2	80	.030"	.360"	15
6743	SJ	14-3	100	.030"	.360"	15
6744	SJ	14-4	121	.030"	.390"	12
6752	SJ	12-2	98	.030"	.410"	20
6753	SJ	12-3	142	.030"	.425"	25
6754	SJ	12-4	179	.030"	.470"	16
6762	SJ	10-2	205	.047"	.450"	25
6763	SJ	10-3	275	.047"	.480"	25
6764	SJ	10-4	305	.047"	.625"	25

OLYMPIC NO.	UL STYLE NO.	SIZE (Awg) NO. OF COND.	WT./M (lbs.)	INSUL. THICKNESS (in.)	NOM. O.D. (in.)	AMPS
SJOOW JACKET - 300 VOLTS 90°C						
6602	SJOOW	18-2	46	.032"	.280"	
6603	SJOOW	18-3	58	.032"	.300"	
6604	SJOOW	18-4	85	.032"	.360"	
6612	SJOOW	16-2	65	.032"	.325"	
6613	SJOOW	16-3	85	.032"	.355"	
6614	SJOOW	16-4	105	.032"	.390"	
6615	SJOOW	14-2	85	.032"	.360"	
6616	SJOOW	14-3	100	.032"	.380"	
6617	SJOOW	14-4	130	.032"	.420"	
6618	SJOOW	12-2	102	.047"	.410"	
6619	SJOOW	12-3	142	.047"	.430"	
6620	SJOOW	12-4	165	.047"	.470"	

OLYMPIC NO.	UL STYLE NO.	SIZE (Awg) NO. OF COND.	WT./M (lbs.)	INSUL. THICKNESS (in.)	NOM. O.D. (in.)	AMPS
SOOW JACKET - 600 VOLTS 90°C						
6622	SOOW	18-2	85	.032"	.340"	
6623	SOOW	18-3	84	.032"	.360"	
6624	SOOW	18-4	100	.032"	.365"	
6632	SOOW	16-2	95	.032"	.405"	
6633	SOOW	16-3	101	.032"	.385"	
6634	SOOW	16-4	119	.032"	.410"	
6642	SOOW	14-2	160	.045"	.495"	
6643	SOOW	14-3	171	.045"	.520"	
6644	SOOW	14-4	212	.045"	.560"	
6652	SOOW	12-2	205	.045"	.565"	
6653	SOOW	12-3	230	.045"	.590"	
6654	SOOW	12-4	281	.045"	.640"	
6662	SOOW	10-2	240	.045"	.615"	
6663	SOOW	10-3	293	.045"	.650"	
6664	SOOW	10-4	357	.045"	.700"	

WELDING CABLE 600 VOLTS -50°C +105°C



DESCRIPTION:
Flexible stranded copper conductor, separator, black EPDM jacket.

APPLICATION:
For Leads from electrode holder to arc welder.
For general purpose welding applications. Extremely flexible.

OLYMPIC NO.	COND. SIZE (Awg) & STRANDING	WT./M (lbs.)	NOM. O.D. (in.)	AMPS
8181	6 - 259	140	.332"	75
8182	4 - 406	201	.38"	100
8183	3 - 476	242	.42"	150
8184	2 - 648	308	.450"	200
8185	1 - 804	383	.520"	250
8186	1/0 - 1026	472	.565"	300
8187	2/0 - 1273	584	.625"	375
8188	3/0 - 1596	715	.665"	450
8189	4/0 - 2014	780	.740"	550
8190	250 MCM	855	.920"	600
8191	350 MCM	1255	1.05"	700
8192	500 MCM	1800	1.35"	900

*Based on 40° C ambient - intermittent use for 50' Length



LOCAL AREA NETWORK RISER CABLE

CATEGORY 5 - STRANDED

NEC 800 TYPE CMR/MP
CSA TYPE PCC FT-4
ETL VERIFIED TO EIA/TIA
24 AWG-7/32

DESCRIPTION:
Stranded bare copper, insulated, twisted, yellow 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
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)
3078M5F-4	4	.213"

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

IMPEDANCE

FREQ. (MHz)	Ohms
0.772	102 ± 15%
1.0-20.0	100 ± 15%

*CATEGORY 5 E

NEC 800 TYPE CMR/MP
CSA TYPE PCC FT-4
ETL VERIFIED TO EIA/TIA
24 AWG

DESCRIPTION:
Solid bare copper, insulated, twisted, gray 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)
3077M5U	2	.181"
*3078M5U	4	.205"
3083M5	25	.420"

*Other color jackets available.

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

IMPEDANCE

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