



CABLE SELECTOR GUIDE

MULTI-CONDUCTOR SHIELDED CABLE

CONDUCTOR SIZE




NO. OF COND.	TYPE OF SHIELD	30 AWG		28 AWG		26 AWG		24 AWG		22 AWG		20 AWG		18 AWG		16 AWG		14 AWG		12 AWG	
		P/N	PG. NO.	P/N	PG. NO.	P/N	PG. NO.	P/N	PG. NO.	P/N	PG. NO.	P/N	PG. NO.	P/N	PG. NO.	P/N	PG. NO.	P/N	PG. NO.	P/N	PG. NO.
1	Braid	3400	55	3404	55	2920 3408	54 55	2924 3412	54 55	2913 2928 3416	51 54 56	2916 2932 3420	51 54 56	2936 3060 3424	54 51 56	2940 3428	54 56				
	Spiral					6805	50			2897	50	2901	50	2906	50						
2	Braid	3401	35	3405 6912	55 52	2921 3409	54 55	2925 3413	54 55	2914 2929 3417	51 54 56	2917 2933 3005 3421 3500	51 54 51 56 54	2937 3061 3425 3540	54 51 56 53	2941 3064 3429 3549	54 51 56 53	3066 3560	51 53	3570	53
	Spiral									2895 2896	50 50	2902	50	2907	50	2910	50				
	Foil							2822 2944	35 38	2874 2875 2877 2877L 2877T 2970 3140	35 35 35 26 28 35 57	2881 2881L 2881T 2883 2885 3022 3141	36 26 28 36 36 49 57	2886 2886L 2886T 2889 3108L 3142 3762-725 3762-760 8200S	36 26 28 36 24 57 27 25 62	2891 2891L 2891T 3114L 3143 3782-760 8300S	36 26 28 24 57 25 62	2893 2893T 3120L 3144 3760-760 8400S	36 28 24 57 25 62	2894 2894T 3124L 3124T 3145 8500S	36 28 24 25 57 62
	Foil & Braid											43602	32	43652 61147A	32 CF	43752 81172A	32 CF	43702	32	43802	32
3	Braid	3402	55	3406 6913	55 52	2922 3410	54 55	2926 3414	54 55	2911 2912 2930 2958 3418	53 51 54 53 56	2918 2934 3006 3422 3501	51 54 51 56 54	2938 3062 3426 3541	54 51 56 53	2942 3065 3430 3550	54 51 56 53	3561	53	3571	53
	Spiral									2898	50	2903	50	2908	50						
	Foil							2823	37	2879 2880 2880L 2880T 3160	35 35 26 28 58	2884 2884L 2884T 3023 3161	36 26 28 49 58	2888 2888L 2888T 3162 8202S	36 26 28 58 62	2892 2892L 3163 8302S	36 26 58 62	3164 8402S	58 62	8502S	62
4	Braid	3403	55	3407 6914	55 52	2923 3411	54 55	2927 3415	54 55	2915 2931 3419	51 54 56	2919 2935 3007 3423 3502	51 54 51 56 54	2939 3063 3427 3542	54 51 56 53	2943 3431 3551	54 56 53	3562	53		
	Spiral									2899	50	2904	50	2909	50						
	Foil							2824	37	2882 2882L 2882T 3734-725	35 26 28 27	2887 2887L 2887T	36 26 28	2890 2890L 2890T 3110L 3774-760 8203S	36 26 28 24 25 62	2892/4 2892L 3116L 3783-760 8303S	36 28 24 25 62	3119ST 8403S	25 62	8503S	62
5	Braid											3008 3503	51 54								
	Foil							2825	37	2005SHD	37					8304S	62	8404S	62	8504S	62
6	Braid			6916	52							3009 3504 6326	51 54 52	3543	53	3552	54				
	Spiral											2905	50								
	Foil							2826	37	2006SHD	37			2890/6 2890/6T 8205S	36 28 62	8305S 81366	62 CF				
7	Braid											3505	54								
	Foil							2827	37	2007SHD	37			8206S	62					8506S	62
8	Braid			6918	52							3010 3506	51 54	3544	53	3553	53				
	Foil							2828	37	2008SHD	37			2890/8 2890/8T 8207S	36 28 62	8307S	62				



LOCAL AREA NETWORK PLENUM AND PVC

UL CLASSIFIED CL2 or CL2P

VOICE AND DATA CABLES

DESCR.	OLYMPIC NO.	U.L. STYLE NO.	COND. STRAND. DIA.	DIELECTRIC MAT'L DIA.	SHIELD MAT'L % COVERAGE	JACKET NOM. DIA.	NOM. IMPED. (ohms)	NOMINAL ATTENUATION MHz db/100FT		
	TYPE I 2 Data Pairs Non-Plenum	6688	CL2	22 AWG Solid Bare Copper	Foam PE .090"	Alum. Foil Tape Each Pair, plus Overall T.C. Braid 65% Coverage	PVC Black .380"	150/ 4MHz	4 16	.66 1.37
	TYPE I 2 Data Pairs Plenum	6688T	CL2P	22 AWG Solid Bare Copper	Foam FEP .100"	Alum. Foil Tape Each Pair, plus Overall T.C. Braid 65% Coverage	Fluoro- polymer Black Tint .365"	150/ 4MHz	4 16	.66 1.37
	TYPE II 2 Data Pairs 4 Voice Pairs Non-Plenum	6689	CL2	22 AWG Solid Bare Copper	2 Pair Foam FRPE 4 Pair Solid FRPE	2 Pair w/ Alum. Tape, plus Overall T.C. Braid 65% Coverage	PVC Black .495"	Data Pairs: 150/ 4MHz	4 16	.66 1.37
	TYPE II 2 Data Pairs 4 Voice Pairs Plenum	6689T	CL2P	22 AWG Solid Bare Copper	2 Pair Foam FEP .100" 4 Pair Solid FEP .045"	2 Pair w/ Alum. Tape, plus Overall T.C. Braid 65% Coverage	Fluoro- polymer Black Tint .420"	Data Pairs: 150/ 4MHz	4 16	.66 1.37
	TYPE 6 2 Pair Office Grade Data Cable	6690	CL2	26 AWG 7/34 Bare Copper	Foam PE .070"	Overall Alum. Tape, plus T.C. Braid 65% Coverage	PVC Striated Black .327"	150/ 4MHz	4 16	1.0 2.01
	TYPE 9 2 Pair Plenum	6690T	CL2P	26 AWG Solid Bare Copper	Foam FEP	Overall Alum. Tape, plus T.C. Braid 65% Coverage	Fluoro- polymer Black Tint .287"	150/ 4MHz	4 16	1.0 2.01



LOCAL AREA NETWORK PLENUM AND PVC

TRANCEIVER/DROP CABLES

UL CLASSIFIED CL2 or CL2P

DESCR.	OLYMPIC NO.	U.L. STYLE NO.	COND. STRAND. DIA.	DIELECTRIC MAT'L DIA.	SHIELD MAT'L % COVERAGE	JACKET NOM. DIA.	NOM. VEL. OF PROP.	NOM. IMPED. (ohms)	NOM. CAP. (pf/ft)	NOMINAL ATTENUATION	
										MHz	db/100FT
IEEE 802.3 Non-Plenum	6892	2919 & CL2	20(7/28 T.C.) 4 Pair	3 Pair Foam Polypro 1 Pair SR-PVC	Each pair Alum/Tape 7/28 T.C. Drain Overall Alum/Tape & T.C. Braid 95% Coverage	PVC Gray .425"	73% (3 Pair Only)	78	17.0	10	1.9
IEEE 802.3 Plenum	6892T	CL2P	20(7/28 T.C.) 4 Pair	All Pairs Solid FEP	Each pair Alum/Tape 7/28 T.C. Drain Overall Alum/Tape & T.C. Braid 95% Coverage	Kynar Flex ³ Gray .361"	66%	78	17.0	10	1.9

COLOR CODE:
Green/Blue,
Yellow/Orange,
White/Brown,
Red/Black

TRUNK COAXIAL CABLES

Ethernet ² Non-Plenum	6880	1478 60°C & CL2	.0855" Bare Copper	Foam PE .247"	Alum/Tape + T.C. Braid 90% Min. Coverage + Alum/Tape + T.C. Braid 90% Min. Coverage	PVC Yellow .405"	78%	50	26.0	5 10	.38 .53
Ethernet ² Plenum	6880T	CL2P	.0855" Bare Copper	Foam FEP ¹ .245"	Alum/Mylar/ Alum + T.C. Braid 90% Min. Coverage + Alum/Tape + T.C. Braid 90% Min. Coverage	Kynar Flex ³ Orange .375"	78%	50	26.0	5 10	.38 .53
IEEE 802.3 10 BASE 2 Thin net	6907	CL2	20(19/32 T.C.)	Foam PE .103"	Alum/Mylar/ Alum + T.C. Braid 95% Coverage	PVC Light Gray .182"	80%	50	25.0	1 10 100 200	.43 1.3 4.2 6.1
IEEE 802.3 10 BASE 2 Thin net	6907T	CL2P	20(19/32 T.C.)	Foamed FEP ¹ .095"	Alum/Mylar/ Alum + T.C. Braid 95% Coverage	Kynar Flex ³ Gray .158"	80%	50	25.4	1 10 100 200	.43 1.3 4.2 6.1

1 - FEP, Registered Trademark of E.I. Dupont Co.

2 - Trademark of Xerox Corp.

3 - Kynar, Registered Trademark