



The Pros
in
Wire and Cable
Solutions

PRODUCT CATALOG

SOUND & SECURITY CABLE

FIRE ALARM CABLE

AUDIO CABLE

COAXIAL CABLE

VOICE & DATA CABLE

FIBER OPTIC CABLE

BURIAL CABLE

CONNECTIVITY

RACKS & ENCLOSURES

Join The Winning Team!!

 Find us on
Facebook
allstarcableproducts



OVERVIEW

JOIN THE WINNING TEAM !! YOUR PROFESSIONAL LOW VOLTAGE DISTRIBUTOR

AllStar Cable Products, Inc is headquartered in Whittier, CA. It's prime location between Los Angeles and Orange County allows AllStar to offer same day local deliveries or next day delivery in most of the state of California.

AllStar Cable Products, Inc has built a reputation for service, quality and leadership in the Low Voltage Residential and Commercial industries. Our fully stocked warehouse has allowed us to provide our customers with all of their installation needs.

Our sales staff has over 40 years combined experience in the industry. With our product knowledge you will be dealing with an experienced person that knows and cares about your needs.

WHY DO BUSINESS WITH ALLSTAR ?

- Quality of Products
- Outstanding Service
- Competitive Pricing
- Product Availability
- Product Knowledge
- Same Day Local Deliveries
- Same Day Shipping

ALLSTAR GOAL:

To be your primary supplier for all of your Low Voltage installation needs.



9871 S. Pioneer Blvd.
Santa Fe Springs, CA 90670
Ph: 562-463-9160 Fax: 562-463-9170
www.allstarcable.com



TABLE OF CONTENTS

Riser Sound & Security Cable	1
Shielded Riser Sound & Security Cable	2
Plenum Sound & Security Cable	3
Shielded Plenum Sound & Security Cable	4
Riser Fire Alarm Cable	5
Shielded Riser Fire Alarm Cable	5
Plenum Fire Alarm Cable	6
Shielded Plenum Fire Alarm Cable	6
Home Entertainment / Audio Cable	7
Coaxial Cable	8
Voice & Data Cable	9
Fiber Optic Cable	10
Energy Management Cable	11
Building Wire	11
Outdoor Tray Cable	12
H2O Burial Cable	13
Temperature Control Cable	14
Star-Tron Lighting Cable	15
Connectivity	16
Racks & Enclosures	17
Cable Management	17
Residential Enclosures & Modules	17
Copper Chart - Solid	18
Copper Chart - Stranded	19
Conduit Capacity Chart	20
Glossary of Terms	21



In Addition, we also offer a large range of products including:

Instrumentation Cable	High Temperature Cable	Power Cable	Traffic Signal Cable
Industrial Cable	Portable & Power Cord	Installation Tools	Custom Made Cables

All information in this catalog is presented solely as a guide to product selection and is believed to be reliable. All printing errors are subject to correction in subsequent of this catalog. Although AllStar Cable Products, Inc has taken precautions to ensure the accuracy of the product specifications at the time of publication, the specifications of product contained herein are subject to change without notice. AllStar Cable Products and the data herein are approximate and subject to normal manufacturing tolerances.



WIRE & CABLE

RISER SOUND & SECURITY



SECURITY CABLE (PVC)

AllStar Part#	AWG Copper	Number Conds	Nominal O.D.	LBS Per 1000 Ft
0222A2	22 SOL	2	0.109	9
0222A4	22 SOL	4	0.117	15
0222A6	22 SOL	6	0.133	17
0222B2	22 STRD	2	0.120	11
0222B4	22 STRD	4	0.129	18

Applications:

Remote Control, Signaling, Security Systems, Communications, Intercom / PA Systems

Colors Available:

White, Orange, Yellow, Green, Blue, Gray,

UL Listed Type CMR

NEC Article 800, 300V, -20C to 75C

MULTI CONDUCTOR CABLE UNSHIELDED (PVC)

AllStar Part#	AWG Copper	Number Conds	Nominal O.D.	LBS Per 1000 Ft
0222B6	22 STRD	6	0.18	24
0222B8	22 STRD	8	0.205	30
0222B10	22 STRD	10	0.24	37
0222B12	22 STRD	12	0.25	43
0222A6	22 SOL	6	0.158	20
0222A8	22 SOL	8	0.178	25
0222A10	22 SOL	10	0.195	31
0222A12	22 SOL	12	0.21	37
0220B2	20 STRD	2	0.14	13
0220B4	20 STRD	4	0.161	17
**0218B2	18 STRD	2	0.175	19
0218B3	18 STRD	3	0.19	26
0218B4	18 STRD	4	0.205	33
0218B6	18 STRD	6	0.235	47
0218B8	18 STRD	8	0.24	59
0218B10	18 STRD	10	0.263	73
0218B12	18 STRD	12	0.282	84
0216B2	16 STRD	2	0.21	26
0216B4	16 STRD	4	0.26	46
0214B2	14 STRD	2	0.245	39
0212B2	12 STRD	2	0.285	59

Applications:

Intercom Systems, Security Systems, Public Address Systems, Telephone Stations, Sound and Audio, Instrumentation, Control Systems.

Colors Available:

Gray

** Available in White and Gray

UL Listed Type CM/CL3

NEC Articles 800 & 725, 300V, -20C to 60C

MULTI PAIR CABLE UNSHIELDED (PVC)

AllStar Part#	AWG Copper	Number Pairs	Nominal O.D.	LBS Per 1000 Ft
0322B2	22 STRD	2	0.197	21
0322B3	22 STRD	3	0.21	28
0322B4	22 STRD	4	0.23	34
0322B6	22 STRD	6	0.289	52
0322A2	22 SOL	2	0.179	19
0322A3	22 SOL	3	0.193	25
0322A4	22 SOL	4	0.212	31
0322A6	22 SOL	6	0.266	47
0318B2	18 STRD	2	0.248	38
0318B3	18 STRD	3	0.275	53
0318B4	18 STRD	4	0.302	68

Applications:

Intercom Systems, Security Systems, Public Address Systems, Telephone Stations, Sound and Audio, Instrumentation, Control Systems.

Colors Available:

Gray

UL Listed Type CMR

NEC Article 800, 300V, -20C to 60C



WIRE & CABLE

SHIELDED RISER SOUND & SECURITY



MULTI CONDUCTOR CABLE SHIELDED (PVC)

AllStar Part#	AWG Copper	Number Conds	Nominal O.D.	LBS Per 1000 Ft
02S22B2	22 STRD	2	0.142	13
02S22B3	22 STRD	3	0.152	16
02S22B4	22 STRD	4	0.167	20
02S22B6	22 STRD	6	0.187	27
02S22B8	22 STRD	8	0.212	34
02S22B10	22 STRD	10	0.204	40
02S22B12	22 STRD	12	0.219	45
02S18B2	18 STRD	2	0.175	23
02S18B3	18 STRD	3	0.19	30
02S18B4	18 STRD	4	0.205	38
02S18B6	18 STRD	6	0.245	52
02S16B2	16 STRD	2	0.23	35
02S16B4	16 STRD	4	0.222	48
02S14B2	14 STRD	2	0.255	49
02S12B2	12 STRD	2	0.280	60

Applications:

Intercom Systems, Security Systems, Public Address Systems, Telephone Stations, Sound and Audio, Instrumentation, Control Systems.

Colors Available:

Gray

UL Listed Type CMR

NEC Articles 800 & 725, 300V, -20C to 60C

MULTI PAIR CABLE SHIELDED (PVC)

AllStar Part#	AWG Copper	Number Pairs	Nominal O.D.	LBS Per 1000 Ft
03S22B2	22 STRD	2	0.201	23
03S22B3	22 STRD	3	0.214	29
03S22B4	22 STRD	4	0.244	40
03S22B6	22 STRD	6	0.293	56
03S22A2	22 SOL	2	0.185	21
03S22A3	22 SOL	3	0.197	27
03S22A4	22 SOL	4	0.216	33
03S22A6	22 SOL	6	0.27	50
03S18B2	18 STRD	2	0.252	42
03S18B3	18 STRD	3	0.279	58
03S18B4	18 STRD	4	0.306	72
03S18B6	18 STRD	6	0.369	102

Applications:

Intercom Systems, Security Systems, Industrial Signaling, Sound and Audio, Control Systems

Colors Available:

Gray

UL Listed Type CMR

NEC Article 800, 300V, -20C to 60C

MULTI PAIR CABLE, EACH PAIR SHIELDED (PVC)

AllStar Part#	AWG Copper	Number Pairs	Nominal O.D.	LBS Per 1000 Ft
03IS22B2	22 STRD	2	0.21	26
03IS22B3	22 STRD	3	0.224	35
03IS22B4	22 STRD	4	0.256	47
03IS22B6	22 STRD	6	0.308	67
03IS18B2	18 STRD	2	0.271	49
03IS18B4	18 STRD	4	0.318	112

Applications:

Intercom Systems, Security Systems, Industrial Signaling, Sound and Audio, Control Systems

Colors Available:

Gray

UL Listed Type CMR

NEC Article 800, 300V, -20C to 60C



WIRE & CABLE

PLENUM SOUND & SECURITY



MULTI CONDUCTOR CABLE UNSHIELDED (PLENUM)

AllStar Part#	AWG Copper	Number Conds	Nominal O.D.	LBS Per 1000 Ft
P0222A2	22 SOL	2	0.116	8
P0222A4	22 SOL	4	0.124	14
P0222B2	22 STRD	2	0.127	9
P0222B4	22 STRD	4	0.136	14
P0222B6	22 STRD	6	0.156	21
P0222B8	22 STRD	8	0.176	27
P0222B10	22 STRD	10	0.193	33
P0222B12	22 STRD	12	0.209	39
P0218B2	18 STRD	2	0.162	17
P0218B3	18 STRD	3	0.169	24
P0218B4	18 STRD	4	0.175	30
P0218B6	18 STRD	6	0.201	43
P0218B8	18 STRD	8	0.228	57
P0218B10	18 STRD	10	0.252	70
P0218B12	18 STRD	12	0.272	83
P0216B2	16 STRD	2	0.188	25
P0216B4	16 STRD	4	0.195	46
P0214B2	14 STRD	2	0.222	37
P0212B2	12 STRD	2	0.264	57

Applications:

Intercom Systems, Security Systems, Public Address Systems, Telephone Stations, Sound and Audio, Instrumentation, Control systems.

Colors Available:

Natural

UL Listed Type CMP

NEC Articles 800, 300V, -20C to 60C

MULTI PAIR CABLE UNSHIELDED (PLENUM)

AllStar Part#	AWG Copper	Number Pairs	Nominal O.D.	LBS Per 1000 Ft
P0322A2	22 SOL	2	0.173	16
P0322A3	22 SOL	3	0.185	22
P0322A4	22 SOL	4	0.201	27
P0322A6	22 SOL	6	0.235	39
P0322B2	22 STRD	2	0.186	17
P0322B3	22 STRD	3	0.199	23
P0322B4	22 STRD	4	0.212	30
P0322B6	22 STRD	6	0.253	41

Applications:

Intercom Systems, Security Systems, Public Address Systems, Telephone Stations, Sound and Audio, Instrumentation, Control systems.

Colors Available:

Natural

UL Listed Type CMP

NEC Article 800, 300V, -20C to 60C



WIRE & CABLE

SHIELDED PLENUM SOUND & SECURITY



MULTI CONDUCTOR CABLE SHIELDED (PLENUM)

AllStar Part#	AWG Copper	Number Conds	Nominal O.D.	LBS Per 1000 Ft
P02S22B2	22 STRD	2	0.131	10
P02S22B4	22 STRD	4	0.140	16
P02S22B6	22 STRD	6	0.160	22
P02S22B8	22 STRD	8	0.179	29
P02S22B10	22 STRD	10	0.197	34
P02S22B12	22 STRD	12	0.207	40
P02S18B2	18 STRD	2	0.166	19
P02S18B3	18 STRD	3	0.173	25
P02S18B4	18 STRD	4	0.179	32
P02S18B6	18 STRD	6	0.205	45
P02S18B8	18 STRD	8	0.232	58
P02S18B10	18 STRD	10	0.256	71
P02S18B12	18 STRD	12	0.279	84
P02S16B2	16 STRD	2	0.192	26
P02S16B4	16 STRD	4	0.207	47
P02S14B2	14 STRD	2	0.226	39
P02S12B2	12 STRD	2	0.268	58

Applications:

Intercom Systems, Security Systems, Public Address Systems, Telephone Stations, Sound and Audio, Instrumentation, Control systems.

Colors Available:

Natural

UL Listed Type CMP

NEC Articles 800, 300V, -20C to 60C

MULTI PAIR CABLE SHIELDED (PLENUM)

AllStar Part#	AWG Copper	Number Pairs	Nominal O.D.	LBS Per 1000 Ft
P03S22B2	22 STRD	2	0.223	22
P03S22B3	22 STRD	3	0.238	29
P03S22B4	22 STRD	4	0.258	36
P03S22B6	22 STRD	6	0.3	50

Applications:

Intercom Systems, Security Systems, Public Address Systems, Telephone Stations, Sound and Audio, Instrumentation, Control systems.

Colors Available:

Natural

UL Listed Type CMP

NEC Article 800, 300V, -20C to 60C

MULTI PAIR CABLE, EACH PAIR SHIELDED (PLENUM)

AllStar Part#	AWG Copper	Number Pairs	Nominal O.D.	LBS Per 1000 Ft
P03IS22B2	22 STRD	2	0.227	25
P03IS22B3	22 STRD	3	0.243	32
P03IS22B4	22 STRD	4	0.265	44
P03IS22B6	22 STRD	6	0.308	59
P03IS18B2	18 STRD	2	0.287	43
P03IS18B3	18 STRD	3	0.308	59

Applications:

Intercom Systems, Security Systems, Industrial Signaling, Sound and Audio, Control Systems

Colors Available:

Natural

UL Listed Type CMP

NEC Article 800, 300V, -20C to 60C



WIRE & CABLE

RISER FIRE ALARM CABLE



FIRE ALARM CABLE UNSHIELDED (PVC)

AllStar Part#	AWG Copper	Number Conds	Nominal O.D.	LBS Per 1000 Ft
0422A4	22 SOL	4	0.150	16
0422A6	22 SOL	6	0.168	21
0422A8	22 SOL	8	0.187	27
0422A10	22 SOL	10	0.205	33
0418A2	18 SOL	2	0.17	20
0418A4	18 SOL	4	0.19	35
0418A6	18 SOL	6	0.225	50
0418A8	18 SOL	8	0.235	55
0418A10	18 SOL	10	0.252	67
0416A2	16 SOL	2	0.18	30
0416A4	16 SOL	4	0.215	50
0414A2	14 SOL	2	0.24	40
0414A4	14 SOL	4	0.29	75
0412A2	12 SOL	2	0.275	65

Applications:

Fire Protective Signaling Circuits

Colors Available:

Red

UL Listed Type FPLR

NEC Article 760, 300V, -20c TO 60C

WIRE & CABLE

SHIELDED RISER FIRE ALARM CABLE



FIRE ALARM CABLE SHIELDED (PVC)

AllStar Part#	AWG Copper	Number Conds	Nominal O.D.	LBS Per 1000 Ft
04S18A2	18 SOL	2	0.162	22
04S18A4	18 SOL	4	0.192	36
04S16A2	16 SOL	2	0.185	32
04S16A4	16 SOL	4	0.211	45
04S14A2	14 SOL	2	0.245	44
04S14A4	14 SOL	4	0.253	68
04S12A2	12 SOL	2	0.28	67

Applications:

Fire Protective Signaling Circuits

Colors Available:

Red

UL Listed Type FPLR

NEC Article 760, 300V, -20c TO 60C



WIRE & CABLE

PLENUM FIRE ALARM CABLE



FIRE ALARM CABLE UNSHIELDED (PLENUM)

AllStar Part#	AWG Copper	Number Conds	Nominal O.D.	LBS Per 1000 Ft
P0418A2	18 SOL	2	0.158	18
P0418A4	18 SOL	4	0.183	32
P0418A6	18 SOL	6	0.217	46
P0416A2	16 SOL	2	0.18	26
P0416A4	16 SOL	4	0.209	45
P0414A2	14 SOL	2	0.21	37
P0414A4	14 SOL	4	0.241	68
P0412A2	12 SOL	2	0.265	75

Applications:

Fire Protective Signaling Circuits

Colors Available:

Red

UL Listed Type FPLP

NEC Article 760, 300V, -20c TO 60C

WIRE & CABLE

SHIELDED PLENUM FIRE ALARM CABLE



FIRE ALARM CABLE SHIELDED (PLENUM)

AllStar Part#	AWG Copper	Number Conds	Nominal O.D.	LBS Per 1000 Ft
P04S18A2	18 SOL	2	0.158	20
P04S18A4	18 SOL	4	0.183	34
P04S16A2	16 SOL	2	0.18	28
P04S16A4	16 SOL	4	0.199	37
P04S14A2	14 SOL	2	0.21	39
P04S14A4	14 SOL	4	0.241	67
P04S12A2	12 SOL	2	0.275	75

Applications:

Fire Protective Signaling Circuits

Colors Available:

Red

UL Listed Type FPLP

NEC Article 760, 300V, -20c TO 60C



WIRE & CABLE

HOME ENTERTAINMENT / AUDIO



AUDIO CABLE (PVC)

AllStar Part#	AWG Copper	Number Conds	Nominal O.D.	LBS Per 1000 Ft
1416B2	16 (65 STRD)	2	0.212	29
1416B4	16 (65 STRD)	4	0.249	50
1414B2	14 (41 STRD)	2	0.264	42
1414B4	14 (41 STRD)	4	0.312	75
1412B2	12 (65 STRD)	2	0.290	60

Applications:

Home Entertainment Systems, Sound and Audio

Colors Available:

White, Blue, Green, Yellow

UL Listed Type CMR/CL3R

NEC Article 800 & 725, 300V, -20C to 60C

PARALLEL ZIP SPEAKER WIRE (PVC)

AllStar Part#	AWG Copper	Number Conds	Nominal O.D.	LBS Per 1000 Ft
02Z22B2	22 STRD	2	.063 X .139	7
02Z18B2	18 STRD	2	.096 X .200	16
02Z16B2	16 STRD	2	.106 X .232	24

Applications:

Special Effects, Security Systems, Sound and Audio

Colors Available:

Brown, White

UL Listed Type CL2R

NEC Article 725, 300V, -20C to 60C

HOME AUTOMATION CABLE (PVC)

AllStar Part#	AWG Copper	Number Conds	Nominal O.D.	LBS Per 1000 Ft
1016B405E	16 STRD	4 CDR	0.375	84
(COMPOSITE)	CAT 5E	1 (4PR)	"	"
1026Q2C5	RG 6 QUAD	2	0.636	138
(COMPOSITE)	CAT 5E	2 (4PR)	"	"
1016Q1C5	RG 6 QUAD	1	.290 x .575	65
(COMPOSITE)	CAT 5E	1 (4PR)	"	"
1026Q2C6	RG 6 QUAD	2	0.65	142
(COMPOSITE)	CAT 6	2 (4PR)	"	"

Applications:

Residential, Whole Home Audio, Intercom, Sound and Security, Voice / Data, Video

Colors Available:

Consult AllStar Sales

UL Listed Type CMR

NEC Article 800, 300V, -20C to 60C

BUNDLED PRECISION VIDEO RGB CABLE (PVC)

AllStar Part#	AWG Copper	Number Conds	Nominal O.D.	LBS Per 1000 Ft
1279R-3C25	25 SOL	3 MINI COAX	0.415	60
1279R-5C25	25 SOL	5 MINI COAX	0.474	90

Applications: High Resolution Video

Colors Available: Black

UL Listed Type CM

NEC Article 800, 300V, -20C to 60C



WIRE & CABLE

COAXIAL CABLE



CCTV / CATV COAX CABLE (PVC)

AllStar Part#	Description Type	AWG Copper	Braid Coverage	Nominal O.D.	Ohms	LBS Per 1000 Ft	UL Rating
0159U95	RG 59/U	20 SOL	95% BC	0.232	75	37	CM
016U95	RG 6/U	18 SOL	95% BC	0.272	75	68	CM
0111U95	RG 11/U	14 SOL	95% BC	0.405	75	95	CL2
01CZ59182	SIAMESE	20 SOL	95% BC	.232 X .421	75	47	CM
(COMBO ZIP)	RG 59+18/2	18 STRD	2 CDR	"	"	"	"
0659U95	RG 59/U BURIAL	20 SOL	95% BC	0.142	75	35	NONE
0158U95	RG 58/U	20 SOL	95% TC	0.116	50	28	CL2
0158UTHINNET	RG 58 THINNET	20 STRD TC	95% TC	0.182	50	28	CL2
01174U	RG 174U	26 STRD	88% TC	0.108	50	8	CL2
01213U	RG 213/U	13 STRD	95% BC	0.405	50	112	UR1354
0162U	RG 62U	22 SOL	95% BC	0.242	93	30	CL2
0159U40	RG 59/U	20 SOL	40% ALUM	0.24	75	28	CL2
016U60	RG 6/U	18 SOL	60% ALUM	0.268	75	30	CM
016UQ	RG 6 QUAD	18 SOL	40% & 60% ALUM	0.272	75	34	CM
0111U60	RG 11/U	14 SOL	60% ALUM	0.405	75	71	CM
0111UQ	RG 11 QUAD	14 SOL	40% & 60% ALUM	0.42	75	81	CM

CCTV / CATV COAX CABLE (PLENUM)

AllStar Part#	Description Type	AWG Copper	Braid Coverage	Nominal O.D.	Ohms	LBS Per 1000 Ft	UL Rating
P0159U95	RG 59/U	20 SOL	95% BC	0.196	75	29	CMP
P016U95	RG 6/U	18 SOL	95% BC	0.221	75	37	CMP
P0111U95	RG 11/U	14 SOL	95% BC	0.335	75	91	CL3P
P01C59182	SIAMESE	20 SOL	95% BC	.421 X .245	75	42	CMP
(COMBO ZIP)	RG 59+18/2	18 STRD	2 CDR	"	"	"	"
P016U60	RG 6/U	18 SOL	60% ALUM	0.23	75	36	CMP
P016UQ	RG 6 QUAD	18 SOL	40% & 60% ALUM	0.264	75	41	CMP
P0111U60	RG 11/U	14 SOL	60% ALUM	0.345	75	84	CL3P
P0111UQ	RG 11 QUAD	14 SOL	40% & 60% ALUM	0.386	75	87	CL3P



WIRE & CABLE

VOICE & DATA



CAT 3 VOICE CABLE (PVC)

AllStar Part#	AWG Copper	Number Pairs	Nominal O.D.	LBS Per 1000 Ft
05324A2	24 SOL	2	0.135	10
05324A3	24 SOL	3	0.143	14
05324A4	24 SOL	4	0.157	17
05324A6	24 SOL	6	0.189	24
05324A12	24 SOL	12	0.25	45
05324A25	24 SOL	25	0.334	88
05324A50	24 SOL	50	0.484	187
05324A100	24 SOL	100	0.674	359
05324A200	24 SOL	200	0.864	720
05324A300	24 SOL	300	1.264	1100

CAT 3 VOICE CABLE (PLENUM)

AllStar Part#	AWG Copper	Number Pairs	Nominal O.D.	LBS Per 1000 Ft
P05324A2	24 SOL	2	0.135	12
P05324A3	24 SOL	3	0.143	16
P05324A4	24 SOL	4	0.157	20
P05324A6	24 SOL	6	0.189	28
P05324A12	24 SOL	12	0.265	52
P05324A25	24 SOL	25	0.353	102
P05324A50	24 SOL	50	0.506	220
P05324A100	24 SOL	100	0.704	440
P05324A200	24 SOL	200	0.935	865
P05324A300	24 SOL	300	1.342	1300

CAT 5E DATA CABLE (PVC)

AllStar Part#	AWG Copper	Number Pairs	Nominal O.D.	LBS Per 1000 Ft
055E24A4	24 SOL	4	0.192	20
055E24A25	24 SOL	25	0.5	120
055E24A50	24 SOL	50	.490 X 1.03	248

CAT 5E DATA CABLE (PLENUM)

AllStar Part#	AWG Copper	Number Pairs	Nominal O.D.	LBS Per 1000 Ft
P055E24A4	24 SOL	4	0.18	20
P055E24A25	24 SOL	25	0.46	95

CAT 6 DATA CABLE (PVC)

AllStar Part#	AWG Copper	Number Pairs	Nominal O.D.	LBS Per 1000 Ft
05623A4	23 SOL	4	0.22	32

CAT 6 DATA CABLE (PLENUM)

AllStar Part#	AWG Copper	Number Pairs	Nominal O.D.	LBS Per 1000 Ft
P05623A4	23 SOL	4	0.215	30

Applications:

Voice, 10BaseT, 4 Mbps Token Ring, 10 Mbps Ethernet, ISDN

Colors Available:

Gray

UL Listed Type CMR

Applications:

Voice, 10BaseT, 4 Mbps Token Ring, 10 Mbps Ethernet, ISDN

Colors Available:

White

UL Listed Type CMP

Applications:

10BaseT, 100BaseT4, 100BaseTX, 100BaseVG ANYLAN, 4/16 Mbps Token Ring, 100 Mbps TP-PMD, 55/155 Mbps ATM

Colors Available:

Blue, White, Yellow, Green, Gray, Orange, Black, Red, Purple

UL Listed Type CMR

Applications:

10BaseT, 100BaseT4, 100BaseTX, 100BaseVG ANYLAN, 4/16 Mbps Token Ring, 100 Mbps TP-PMD, 55/155 Mbps ATM

Colors Available:

Blue, White, Gray

UL Listed Type CMP

Applications:

1.2 Gbps Ethernet, Broadband Video, Desktop Publishing, Video Conferencing / Imaging

Colors Available: Blue, White

UL Listed Type CMR

Applications:

1.2 Gbps Ethernet, Broadband Video, Desktop Publishing, Video Conferencing / Imaging

Colors Available: Blue, White

UL Listed Type CMP



WIRE & CABLE

FIBER OPTIC CABLE



SIMPLEX & DUPLEX FIBER (RISER)

AllStar Part#	Glass Type	Number Fibers	Nominal O.D.	LBS Per 1000 Ft
08MA1	62.5/125	1	0.110	5
08WA1	50/125	1	0.110	5
08SA1	8/125	1	0.110	5
08MA2	62.5/125	2	~.236~	10
08WA2	50/125	2	~.236~	10
08SA2	8/125	2	~.236~	10

DISTRIBUTION FIBER CABLE TIGHT BUFFERED (RISER)

AllStar Part#	Max Install Load / Lbs	Number Fibers	Nominal O.D.	LBS Per 1000 Ft
08XA2	180	2	0.184	15
08XA4	180	4	0.2	20
08XA6	270	6	0.22	24
08XA8	270	8	0.235	28
08XA12	300	12	0.255	33
08XA24	960	24	0.496	75
08XA36	1440	36	0.644	110
08XA48	945	48	0.627	145

SIMPLEX & DUPLEX FIBER (PLENUM)

AllStar Part#	Glass Type	Number Fibers	Nominal O.D.	LBS Per 1000 Ft
P08MA1	62.5/125	1	0.110	5
P08WA1	50/125	1	0.110	5
P08MA2	62.5/125	2	~.236~	10
P08WA2	50/125	2	~.236~	10

DISTRIBUTION FIBER CABLE TIGHT BUFFER (PLENUM)

AllStar Part#	Max Install Load / Lbs	Number Fibers	Nominal O.D.	LBS Per 1000 Ft
P08XA2	180	2	0.184	12
P08XA4	195	4	0.184	18
P08XA6	270	6	0.2	21
P08XA8	270	8	0.222	25
P08XA12	300	12	0.225	30
P08XA24	1263	24	0.498	72
P08XA36	1913	36	0.604	105
P08XA48	1245	48	0.615	140

OUTDOOR FIBER CABLE LOOSE TUBE BURIAL

AllStar Part#	Max Install Load / Lbs	Number Fibers	Nominal O.D.	LBS Per 1000 Ft
DB08XA6	600	6	0.375	25
DB08XA12	600	12	0.375	35
DB08XA24	600	24	0.375	65
DB08XA36	600	36	0.375	80
DB08XA48	600	48	0.475	120

OPTICAL CHARACTERISTICS

Glass Type	Code X	Operation Wavelength	Min Bandwidth	Max Attenuation
62.5/125 MM	M	850nm/1300nm	500/500	3.50/1.25
50/125 MM	W	850nm/1300nm	200/500	3.50/1.25
8/125 SM	S	1310nm/1550nm	----	.80/.50

Applications:

Patch Cables, Short Run Office Wiring, Computer Room Wiring
UL Listed NEC Type OFNR

Applications:

Riser Wiring, Office Wiring, Computer Room Wiring
UL Listed NEC Type OFNR

Applications:

Patch Cables, Short Run Office Wiring, Computer Room Wiring
UL Listed NEC Type OFNP

Applications:

Riser Wiring, Office Wiring, Computer Room Wiring
UL Listed NEC Type OFNP

Applications:

Building interconnections, Telecommunications and data trunk,
 Long haul networking, Ducts between buildings,
 Applications requiring good ozone, moisture, weather resistance

When Ordering: In order to specify the correct fiber, replace the 'X' in catalog number with the proper code number.

Example: 08XA6 Replaced with 08MA6

Desc: 6 Strand MM 62.5/125 Fiber Cable Riser OFNR



WIRE & CABLE

ENERGY MANAGEMENT



THERMOSTAT CABLE (PVC)

AllStar Part#	AWG Copper	Number Conds	Nominal O.D.	LBS Per 1000 Ft
2718A2	18 SOL	2	0.150	15
2718A3	18 SOL	3	0.159	21
2718A4	18 SOL	4	0.176	27
2718A5	18 SOL	5	0.184	33
2718A6	18 SOL	6	0.2	39
2718A7	18 SOL	7	0.21	45
2718A8	18 SOL	8	0.225	51
2718A10	18 SOL	10	0.248	63
2720A2	20 SOL	2	0.132	11
2720A3	20 SOL	3	0.141	15
2720A4	20 SOL	4	0.153	19
2720A5	20 SOL	5	0.161	23
2720A6	20 SOL	6	0.174	27
2720A7	20 SOL	7	0.183	30
2720A8	20 SOL	8	0.196	34
2720A10	20 SOL	10	0.216	42

Applications:

Thermostat Control, Door Bells, Remote Control Units

Colors Available:

Brown

UL Listed Type CL2

WIRE & CABLE

BUILDING WIRE

TFN / TFFN

AllStar Part#	AWG Copper	Style	Nominal O.D.	LBS Per 1000 Ft
1218A1	18 SOL	TFN	0.082	8
1216A1	16 SOL	TFN	0.093	11
1218B1	18 STRD	TFFN	0.088	8
1216B1	16 STRD	TFFN	0.1	12

THHN / THWN

AllStar Part#	AWG Copper	Style	Nominal O.D.	LBS Per 1000 Ft
1214A1	14 SOL	THHN / THWN	0.101	15
1212A1	12 SOL	THHN / THWN	0.12	23
1210A1	10 SOL	THHN / THWN	0.149	37
1214B1	14 STRD	THHN / THWN	0.109	17
1212B1	12 STRD	THHN / THWN	0.127	24
1210B1	10 STRD	THHN / THWN	0.16	38
1208B1	8 STRD	THHN / THWN	0.212	63
1206B1	6 STRD	THHN / THWN	0.248	95
1204B1	4 STRD	THHN / THWN	0.317	153
1202B1	2 STRD	THHN / THWN	0.375	234
1201B1	1 STRD	THHN / THWN	0.435	299
121/0B1	1/0 STRD	THHN / THWN	0.474	372
122/0B1	2/0 STRD	THHN / THWN	0.518	462
123/0B1	3/0 STRD	THHN / THWN	0.568	572
124/0B1	4/0 STRD	THHN / THWN	0.624	712
12250B1	250 STRD	THHN / THWN	0.678	851
12500B1	500 STRD	THHN / THWN	0.902	1650



Applications:

THHN Building Wire is intended for general purpose applications,

Suitable for new construction or rewiring for 600V applications.

Suitable in wet or dry locations at temps not to exceed 75C



WIRE & CABLE

OUTDOOR TRAY CABLE



VNTC TRAY CABLE UNSHIELDED

AllStar Part#	AWG Copper	Number Conds	Nominal O.D.	LBS Per 1000 Ft
0718B2	18 STRD	2	0.260	35
0718B3	18 STRD	3	0.274	44
0718B4	18 STRD	4	0.296	54
0718B5	18 STRD	5	0.308	62
0718B6	18 STRD	6	0.33	72
0718B7	18 STRD	7	0.345	81
0718B9	18 STRD	9	0.383	100
0718B12	18 STRD	12	0.428	126
0716B2	16 STRD	2	0.28	44
0716B3	16 STRD	3	0.296	57
0716B4	16 STRD	4	0.32	70
0716B5	16 STRD	5	0.334	83
0716B6	16 STRD	6	0.358	96
0716B7	16 STRD	7	0.375	108
0716B9	16 STRD	9	0.418	135
0716B12	16 STRD	12	0.468	173
0714B2	14 STRD	2	0.31	58
0714B4	14 STRD	4	0.356	94
0712B2	12 STRD	2	0.354	78
0712B4	12 STRD	4	0.109	132

Applications:

Control Systems, Industrial Signaling, Direct Burial,
Wet Locations, Sunlight Resistant

For use in 600V Tray Applications

NEC Type TC, UL Listed, 600V, -25C to 75C

VNTC TRAY CABLE SHIELDED

AllStar Part#	AWG Copper	Number Conds	Nominal O.D.	LBS Per 1000 Ft
07S18B2	18 STRD	2	0.26	37
07S18B3	18 STRD	3	0.274	46
07S18B4	18 STRD	4	0.296	56
07S18B6	18 STRD	6	0.33	75
07S18B8	18 STRD	8	0.375	93
07S18B12	18 STRD	12	0.428	128
07S16B2	16 STRD	2	0.28	46
07S16B3	16 STRD	3	0.296	58
07S16B4	16 STRD	4	0.32	72
07S16B5	16 STRD	5	0.334	84
07S16B6	16 STRD	6	0.358	97
07S16B7	16 STRD	7	0.375	110
07S16B9	16 STRD	9	0.418	136
07S16B12	16 STRD	12	0.468	174
07S14B2	14 STRD	2	0.314	59
07S14B4	14 STRD	4	0.361	97
07S12B2	12 STRD	2	0.354	80
07S12B4	12 STRD	4	0.409	134

Applications:

Control Systems, Industrial Signaling, Direct Burial,
Wet Locations, Sunlight Resistant

For use in 600V Tray Applications

NEC Type TC, UL Listed, 600V, -25C to 75C



WIRE & CABLE

H2O BURIAL CABLE



H2O BURIAL CABLE UNSHIELDED

AllStar Part#	AWG Copper	Number Conds	Nominal O.D.	LBS Per 1000 Ft
3218B2	18 STRD	2	0.200	22
3218B4	18 STRD	4	0.213	35
3216B2	16 STRD	2	0.225	30
3216B4	16 STRD	4	0.245	50
3214B2	14 STRD	2	0.260	43
3214B4	14 STRD	4	0.275	60

Applications:

Power Limited Fire Alarm Circuits, Intercom Systems, Security, Sound and Audio and Background Music.

Suitable for Burial In Conduit /

UL Listed Type CM/CL2/FPL

NEC Articles 800,725,760

H2O BURIAL CABLE SHIELDED

AllStar Part#	AWG Copper	Number Conds	Nominal O.D.	LBS Per 1000 Ft
32S18B2	18 STRD	2	0.200	25
32S18B4	18 STRD	4	0.213	40
32S16B2	16 STRD	2	0.225	35
32S16B4	16 STRD	4	0.245	65
32S14B2	14 STRD	2	0.260	79

H2O BURIAL CABLE INDIVIDUALLY SHIELDED

AllStar Part#	AWG Copper	Number Pairs	Nominal O.D.	LBS Per 1000 Ft
32IS22A15	22 SOL TC	15	0.450	150

Application:

Intercom, Security, Sound, Audio and Background Music

Suitable for Burial In Conduit /

UL Listed Type CM/CL2/FPL

NEC Articles 800,725,760



TEMPERATURE CONTROL CABLE



SHIELDED PLENUM

PART#	AWG	COPPER	CDR	RATING	NOM OD	JACKET	NOM CAP	VOLT
P02S14B2-S1-N	14	STRD	2	CMP	0.226	WHITE	76pf/ft	300
P02S16B2-B1-N	16	STRD	2	CMP	0.192	WHITE	71pf/ft	300
PMCS18B1-B1-7	18	STRD	2	CMP	0.161	PURPLE	25pf/ft	300
P02S18B2-B1-N	18	STRD	2	CMP	0.166	WHITE	66pf/ft	300
P02S18B3-B1-N	18	STRD	3	CMP	0.173	WHITE	66pf/ft	300
P02S18B4-B1-N	18	STRD	4	CMP	0.179	WHITE	66pf/ft	300
P02S18B6-B1-N	18	STRD	6	CMP	0.205	WHITE	66pf/ft	300
P02S18B8-B1-N	18	STRD	8	CMP	0.232	WHITE	66pf/ft	300
P02S22B2-B1-N	22	STRD	2	CMP	0.131	WHITE	52pf/ft	300
P02S22B3-B1-N	22	STRD	3	CMP	0.136	WHITE	52pf/ft	300
P02S22B4-B1-N	22	STRD	4	CMP	0.140	WHITE	52pf/ft	300
P02S22B6-B1-N	22	STRD	6	CMP	0.220	WHITE	52pf/ft	300
P02S22B8-B1-N	22	STRD	8	CMP	0.210	WHITE	52pf/ft	300
PLCS22B1-B1-3	22	STRD	2	CMP	0.157	ORANGE	12.5pf/ft	300
PLCS24B1-B1-3	24	STRD	2	CMP	0.149	ORANGE	12.5pf/ft	300

NON-SHIELDED PLENUM

PART#	AWG	COPPER	CDR	RATING	NOM OD	JACKET	NOM CAP	VOLT
P0214B2-S1-N	14	STRD	2	CMP	0.222	WHITE	34pf/ft	300
P0216B2-B1-N	16	STRD	2	CMP	0.188	WHITE	33pf/ft	300
P0218B2-B1-N	18	STRD	2	CMP	0.162	WHITE	30pf/ft	300
P0218B3-B1-N	18	STRD	3	CMP	0.169	WHITE	30pf/ft	300
P0218B4-B1-N	18	STRD	4	CMP	0.175	WHITE	30pf/ft	300
P0218B6-B1-N	18	STRD	6	CMP	0.201	WHITE	30pf/ft	300
P0218B8-B1-N	18	STRD	8	CMP	0.228	WHITE	30pf/ft	300
PMC22B2-B1-6	22	STRD	2	CMP	0.122	BLUE	15pf/ft	300
P0222B2-B1-N	22	STRD	2	CMP	0.127	WHITE	24pf/ft	300
P0222B4-B1-N	22	STRD	4	CMP	0.136	WHITE	24pf/ft	300
P0222B6-B1-N	22	STRD	6	CMP	0.156	WHITE	24pf/ft	300

Please feel free to call Customer Service for Full Spec Sheets...



STAR-TRON LIGHTING CABLE

SPECIFICALLY FOR LUTRON LIGHTING SYSTEMS

Cables are designed for home automation control system installations in high end lighting control systems.

Stocking PVC Cables

Plenum versions available



Name / Part#	AWG / CDRS	Nominal OD	Approvals	Jacket Color	Weight Per 1,000'
Grafik Eye or Keypad Or GRX-CBL-346S Lutron Green	22/2 cdr Shld + 18/2 cdr	.247"	UL CL3 or CM C(UL)	Light Blue w/Green stripe	35
Grafik Eye or Keypad Or GRX-CBL-346S Lutron Yellow	22/2 cdr Shld + 18/2 cdr	.247"	UL CL3 or CM C(UL)	Light blue w/Yellow stripe	35
Homeworks Cable Lutron Pink	18/2 cdr	.264"	UL, TC 600V	Light Blue w/Pink stripe	40
Homeworks Cable Lutron White	18/4 cdr	.312"	UL, TC 600V	Light Blue w/White stripe	63
Sivoia / Shade Cable SVQ-CBL-250/500 Lutron Red	18/4 Shld + 18/1 cdr + 16/2 cdr	.350"	UL CL3 or CM C(UL)	Light Blue w/Red stripe	90
SIVOIA/ Shade Cable Lutron QSHS	22/1 pair Shld + 16/2 cdr	0.254"	UL CL3 OR CM	White	50
Grafik Eye or GRX-CBL-46L Lutron Royal Blue	22/2 cdr Shld + 12/2 cdr + 18/1cdr	.345"	UL CL3 or CM C(UL)	Light Blue w/Blue stripe	87
ECCO System	16/2 cdr	.266"	(UL) CL3 or AWM 20811	Gray	27
ECCO System	22/5 cdr Shld	.300"	(UL) CL3 or AWM 20811	White	25

Stocking in 1000' boxes



Also call us for your Middle Atlantic racks & enclosures requirements:



CONNECTIVITY

MODULAR CONNECTORS



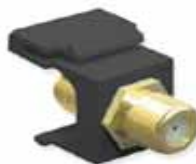
CAT 6 JACK



CAT 5E JACK



CAT 3 JACK



F-TYPE JACK



FIBER JACK



BLANK INSERT

MODULAR FACEPLATES



BLANK FP



1-6 PORT FP



2 GANG FP



ANGLED FP



DECORA FP



DECORA INSERT

PATCH PANELS



CAT 6 PP



CAT 5E PP



VERTICAL PP



TELCO PP



66 BLOCK



110 BLOCK

FIBER OPTICS



ENCLOSURES



ENCLOSURES



ST ADAPTER



SC ADAPTER



SC CONN



ST CONN

PATCH CORDS



CAT 6



CAT 5E



SCTP



110



MM FIBER JUMPER



SM FIBER JUMPER

Please Contact AllStar Sales Team For Complete Line Of Connectivity Products

Ph: 562-463-9160 Fax: 562-463-9170



RACKS & ENCLOSURES CABLE MANAGEMENT RESIDENTIAL STRUCTURED CABLING

CABINETS & RELAY RACKS



STAND ALONE



WALL MOUNT



OVERHEAD



RELAY RACK



4 POST RACK



SWING RACK

RACK SHELVES



SINGLE



DOUBLE



VENTED



HEAVY DUTY



KEY BOARD



DRAWER

CABLE MANAGEMENT



LADDER



ACCESSORIES



HORIZONTAL MGNT



VERTICAL MGNT



RACEWAY



FITTINGS

RESIDENTIAL ENCLOSURES & MODULES



ENCLOSURE



TELEPHONES



VIDEO DISTRIBUTION



DATA



MUSIC DISTRIBUTION



CCTV CAMERA



WALL PLATES



HOME THEATER



COPPER CHART - SOLID

SOLID COPPER CONDUCTOR

AWG	NOMINAL O.D.	AREA CIR.MILS	WEIGHT LBS/MFT	FEET PER LB.	BREAKING STRENGTH	DC RESISTENCE Ohms/Mft	
						TINNED	BARE
36	0.0050	25.0	0.0757	12,210	0.7854	431.1	423.0
34	0.0063	39.7	0.1203	8,312	1.249	272.0	266.0
32	0.0080	64.0	0.1913	5,227	1.986	169.0	165.0
30	0.0100	100.0	0.3042	3,287	3.157	107.9	106.0
28	0.0126	159.0	0.4837	2,067	5.020	67.8	66.6
26	0.0160	253.0	0.77	1,298	7.983	44.5	41.8
24	0.0201	404.0	1.22	819	12.69	26.7	26.2
22	0.0250	643.0	1.94	515	19.43	16.8	16.4
20	0.0320	1020.0	3.10	322	30.89	10.5	10.4
18	0.0403	1,620	4.92	203	49.12	6.77	6.50
16	0.0508	2,580	7.81	128	78.10	2.20	4.10
14	0.0641	4,110	12.40	80	124.2	2.68	2.60
12	0.0808	6,530	19.80	50	197.5	1.65	1.62
10	0.1020	10,380	31.40	31	314.0	1.04	1.02
8	0.1285	16,510	49.00	20	479.0	0.65	0.640
6	0.1620	26,240	79.40	12.5	763.0	0.41	0.395
4	0.2040	41,740	126.0	7.9			0.258
2	0.2920	66,407	205.0	4.8			0.160
1	0.3320	83,771	266.0	3.7			0.127



COPPER CHART - STRANDED

STRANDED COPPER CONDUCTOR

AWG	STRANDING	NOMINAL O.D.	O.D. SINGLE END	WEIGHT LBS/MFT	FEET PER LB.	AREA		DC RESISTANCE Ohms.MFT	
						CIR. MILS		TINNED	BARE
30	7/38	0.012	0.0040	0.21	4,762	112		106.0	92.6
28	7/36	0.015	0.0050	0.48	2,083	175		67.5	59.3
26	7/34	0.019	0.0063	0.87	1,149	278		42.5	37.3
26	10/36	0.019	0.0050	0.78	1,282	250		47.3	40.4
26	19/38	0.021	0.0040	0.97	1,031	304		38.9	34.1
24	7/32	0.024	0.0080	1.22	819	448		25.7	23.1
24	19/36	0.025	0.0050	1.48	675	475		24.9	21.8
22	7/30	0.031	0.010	2.19	456	700		16.6	14.8
22	19/34	0.032	0.0063	2.35	425	754		15.5	13.8
20	7/28	0.038	0.0126	3.49	286	1,111		10.30	9.33
20	10/30	0.036	0.010	3.14	318	1,000		11.40	10.40
20	19/32	0.040	0.008	3.84	260	1,216		9.48	8.53
18	7/28	0.048	0.0126	5.55	180	1,770		6.45	5.86
18	16/30	0.046	0.010	5.01	199	1,600		7.15	6.48
18	19/30	0.050	0.010	5.95	168	1,900		6.10	5.46
18	41/34	0.047	0.0063	5.09	196	1,627		7.08	6.60
16	7/.0192	0.058	0.0192	7.90	126	2,581			4.16
16	19/29	0.057		7.52	133	2,426		4.82	4.27
16	26/30	0.060	0.010	8.15	122	2,600		4.39	4.13
16	65/34	0.060	0.0063	7.98	125	2,580		4.47	4.16
14	7/.0242	0.073	0.0242	12.70	77	4,100			2.61
14	19/27	0.071		12.10	82	3,831		3.05	2.71
14	41/30	0.069	0.010	12.90	77	4,100		2.81	2.53
12	7/.0305	0.092	0.0305	20.20	49	6,512			1.64
12	19/25	0.090		19.40	51	6,088		1.87	1.70
12	65/30	0.091	0.010	20.80	48	6,500		1.82	1.60
10	7/.0385	0.116	0.0385	32.00	31	10,376			1.00
10	19/.0234	0.117	0.0234	32.00	31	10,404			0.98
10	37/.0169	0.112	0.0169	29.20	34	9,361			1.25
10	105/30	0.130	0.010	33.10	30	10,500		1.10	0.99



CONDUIT CAPACITY CHART

Conduit Trade Size	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	3-1/2	4
I.D. Inches	0.622	0.824	1.049	1.380	1.610	2.067	2.731	3.356	3.834	4.334
Internal Area, In ²	0.304	0.533	0.864	1.496	2.036	3.356	5.858	8.846	11.545	14.753
1 Conductor (53% fill)	0.161	0.283	0.458	0.793	1.079	1.778	3.105	4.688	6.119	7.819
2 Conductors (31% fill)	0.094	0.165	0.268	0.464	0.631	1.040	1.816	2.742	3.579	4.573
Conductors (40% fill)	0.122	0.213	0.346	0.598	0.814	1.342	2.343	3.538	4.618	5.901

CABLE O.D. INCHES	CABLE AREA In ²	Numbers listed below are based off the 2002 NEC (40% fill) for 3 or more non-lead covered cables									
-------------------	----------------------------	--	--	--	--	--	--	--	--	--	--

0.100	0.008	15	26	43	76	104	170	244	375	504	648
0.125	0.012	9	17	27	48	66	109	156	240	322	414
0.150	0.018	6	11	19	33	46	75	108	166	224	288
0.175	0.024	5	8	14	24	34	55	79	122	164	211
0.200	0.031	3	6	10	19	26	42	81	93	126	162
0.225	0.040	3	5	8	15	20	33	48	74	99	128
0.250	0.049	1	4	6	12	16	27	39	60	80	103
0.275	0.059	1	3	5	10	13	22	32	49	66	85
0.300	0.071	1	2	4	8	11	18	27	41	56	72
0.325	0.083	1	1	4	7	9	16	23	35	47	61
0.350	0.096	1	1	3	6	8	13	19	30	41	52
0.375	0.110	1	1	3	5	7	12	17	26	35	46
0.400	0.126	1	1	2	4	6	10	15	23	31	40
0.425	0.142	1	1	1	4	5	9	13	20	27	35
0.450	0.159	1	1	1	3	5	8	12	18	24	32
0.475	0.177	0	1	1	3	4	7	10	17	22	28
0.500	0.196	0	1	1	3	4	6	9	15	20	25
0.525	0.216	0	1	1	2	3	6	8	13	18	23
0.550	0.238	0	1	1	1	3	5	8	12	16	21
0.575	0.260	0	1	1	1	3	5	7	11	15	19
0.600	0.283	0	0	1	1	2	4	6	10	14	18
0.625	0.307	0	0	1	1	2	4	6	9	12	16
0.650	0.332	0	0	1	1	1	4	5	8	11	15
0.675	0.358	0	0	1	1	1	3	5	8	11	14
0.700	0.385	0	0	1	1	1	3	5	7	10	13
0.725	0.413	0	0	1	1	1	3	4	7	9	12
0.750	0.442	0	0	1	1	1	3	4	6	8	11
0.775	0.472	0	0	0	1	1	2	4	6	8	10
0.800	0.503	0	0	0	1	1	2	3	5	7	10
0.825	0.535	0	0	0	1	1	1	3	5	7	9
0.850	0.567	0	0	0	1	1	1	3	5	6	8
0.875	0.601	0	0	0	1	1	1	3	4	6	8
0.900	0.636	0	0	0	1	1	1	3	4	6	8
0.925	0.672	0	0	0	1	1	1	2	4	5	7
0.950	0.709	0	0	0	1	1	1	2	4	5	7
0.975	0.747	0	0	0	1	1	1	1	3	5	6
1.000	0.785	0	0	0	1	1	1	1	3	5	6
1.025	0.825	0	0	0	0	1	1	1	3	4	6
1.050	0.866	0	0	0	0	1	1	1	3	4	5
1.075	0.908	0	0	0	0	1	1	1	3	4	5

- Notice: 1. The reader is cautioned to consult the 2002 NEC for specific information regarding conduit fill.
 2. This Conduit Capacity Chart should only be used as a guide when attempting to estimate conduit fill.
 3. For Additional information, the reader should refer to the 2002 National Electrical Code, Chapter 9.



GLOSSARY OF TERMS

Attenuation	Power loss in an electrical system.	Impedance	The total opposition that a circuit offers to the flow of alternating current at a particular frequency. It is a combination of resistance (R) and reactance (X), measured in ohms.
Audio Frequency	The range of frequencies audible to the human ear. Generally considered as 20-20,000 Hz.	Insulation	A material having a high resistance to the flow of electric current.
Capacitance	That property in a system of conductors and dielectrics which permits the storage of electrically separated charges whenever a difference in potential exists between the conductors	Insulation Resistance	An Insulation's ability to resist the flow of current through it, usually expressed in megohm-feet.
Current Carrying Capacity	The maximum current an insulated conductor can safely carry without exceeding its insulation and jacket temperature limitations.	Jacket	An outer covering, usually nonmetallic, mainly used for protection against the environment.
Decibel (dB)	A standard unit for expressing transmission gain or loss and relative power levels	Multi-Conductor	Any cable consisting of two or more conductors.
Dielectric	Any insulating medium used to separate two conductors.	Mutual Capacitance	The capacitance between two conductors when all conductors, including the shield, are short circuited to the ground
Dielectric Constant	The ratio of the capacitance of an insulated wire with that of the same wire uninsulated in air.	Ohm	The standard unit of electrical resistance.
Drain Wire	An uninsulated wire added during manufacturing adjacent to the shield to facilitate shield grounding connections.	Pair	Two wires twisted together to form a single circuit.
Elongation	The fractional increase in length of a material stressed in tension.	Plenum	The air return path of a central air handling system, either ductwork or open space.
Farad	The standard unit of capacitance.	Plenum Cable	Cable approved by Underwriters Laboratories for installation in plenums without the need for conduit.
Flame Resistance	The ability of material not to propagate flame once a heat source is applied and then removed	Primary Insulation	The first layer of non-conductive material applied over a conductor whose prime function is to act as a electrical insulation.
Frequency	The number of cycles completed by an alternating current in one second.	Rated Temperature	The maximum temperature at which an electric component can operate for extended periods without loss of its basic properties.
Hertz	Standard unit of frequency equal to one cycle per second.		



Distribution at it's BEST !!



**9871 S. Pioneer Blvd.
Santa Fe Springs, CA 90670
Ph: 562-463-9160 Fax: 562-463-9170
www.allstarcable.com**



9871 S. Pioneer Blvd., Santa Fe Springs, CA 90670
 Wire & Cable Distribution at it's BEST.
www.allstarcable.com

Ph: 562-463-9160 Fax: 562-463-9170

