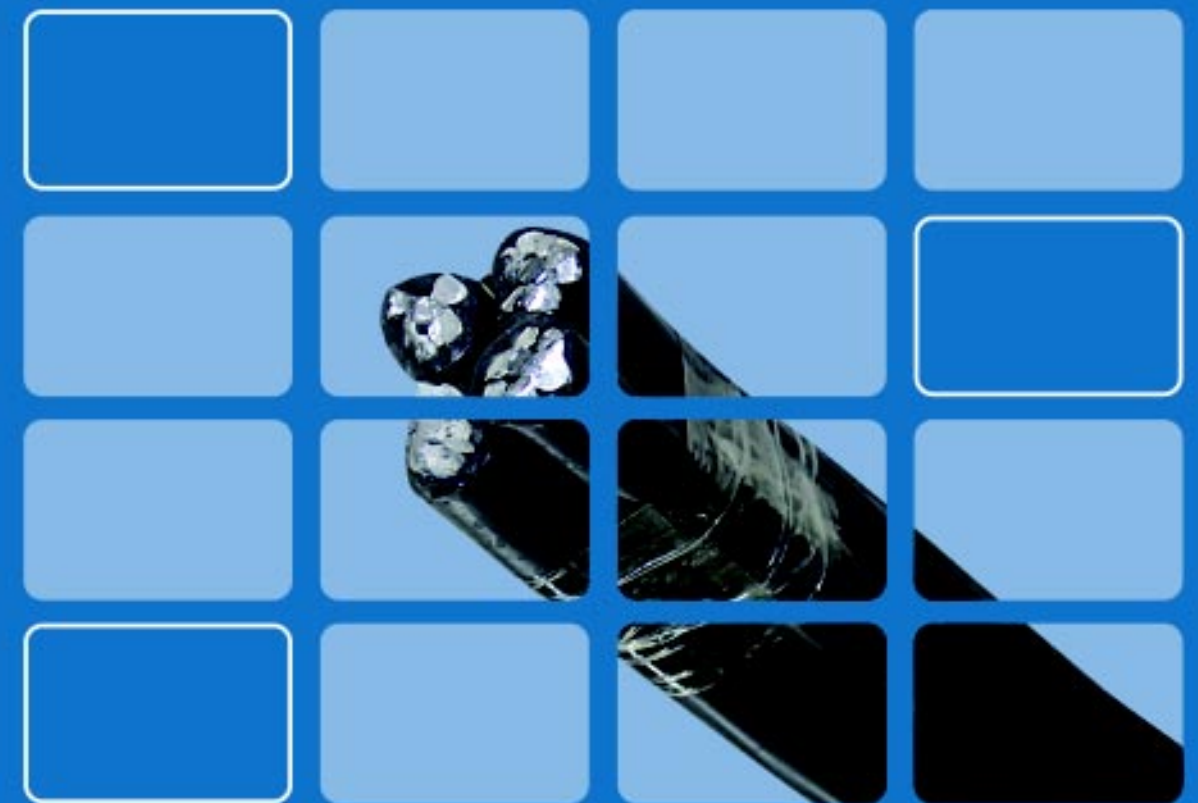


# AERIAL BUNDLE CABLE



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**YIFANG ELECTRIC GROUP INC.**



## BRIEF INTRODUCTION

Yifang Electric Group Inc. is mainly specialized in Wires & Cables, including designment, production and sales, Locating in western district of Zhengzhou, Henan Province, P. R. China. The total area of factory is more than 140 thousands square meters, and it is one of the many great manufacturers in China.

Its products are mainly covering Low, Medium, High Voltage (1KV to 220KV) XLPE Insulated Power Cable, PVC insulated Power Cable, Aerial-Bundle Cable (ABC cable), PVC Insulated Wires (Building Cable), Control Cable, Rubber Cable, Bare Conductor (ACSR, AAC, AAAC, BCC), Welding Cable, Galvanized Steel Wire (Stay wire), etc.

The products are complying with GB, IEC, BS, ASTM, etc. Besides, we have the capacity to design and produce all kinds of wires and cables according to your special requirements (supplying OEM Service).

In the past years, our products have been sold to many countries and regions, such as Algeria, Australia, Bahrain, Bolivia, Bangladesh, Brazil, Burma, Chile, Costa Rica, Cyprus, Egypt, Hongkong, Indonesia, Iran, Jamaica, Jordan, Kenya, Macao, Malaysia, Mexico, Nepal, Nigeria, Korea-North, Oman, Pakistan, Philippines, Russia, Singapore, Sri Lanka, Sudan, Tanzania, Thailand, Togo, Yemen, Vietnam, Zambia.

## Duplex Service Drop AAC-Aluminum Conductor

### Applications

To supply 120 volt aerial service for temporary service at construction sites, outdoor or street lighting. For service at 600 volts or lower at a conductor temperature of 75°C maximum.

### Construction

Concentric strand or compressed 1350-H19 conductor, polyethylene or cross linked polyethylene insulation, concentric strand AAC, ACSR, or 6201 alloy neutral messenger.



### Standards

- ★ B-230 Aluminum Wire, 1350-H19 for Electrical Purposes.
- ★ B-231 Aluminum Conductors, Concentric-Lay-Stranded.
- ★ B-232 Aluminum Conductors, Concentric-Lay-Stranded, Coated Steel Reinforced (ACSR).
- ★ B-399 Concentric-Lay Stranded 6201-T81 Aluminum Alloy Conductors.
- ★ B-498 Zinc-Coated Steel Core Wire for Aluminum Conductors, Steel Reinforced (ACSR).
- ★ Duplex Service Drop cable meets or exceeds all applicable requirements of ANSI/ICEA S-76-474.

Item #	Phase Conductor Size AWG	Phase Conductor Stranding	Phase Conductor Insulation Thickness	Bare Neutral Messenger Size AWG	Bare Neutral Strand	Bare Neutral Messenger Breaking Strength	Weight Per 1000ft-XLP	Weight Per 1000ft-Poly	Rating -XLP	Rating -Poly
Pekingese	6	Solid	45 mls	6	7/w	563 Lbs	63.5 Lbs	61.7 Lbs	70 Amps	70 Amps
Collie	6	7/w	45 mls	6	7/w	563 Lbs	66.8 Lbs	63.1 Lbs	70 Amps	70 Amps
Dachshund	4	Solid	45 mls	4	7/w	881 Lbs	95.5 Lbs	93.4 Lbs	90 Amps	90 Amps
Spaniel	4	7/w	45 mls	4	7/w	881 Lbs	100.5 Lbs	95.4 Lbs	90 Amps	90 Amps
Doberman	2	7/w	45 mls	2	7/w	1350 Lbs	152.7 Lbs	145.7 Lbs	120 Amps	120 Amps
Malemute	1/0	19/w	60 mls	1/0	7/w	1990 Lbs	242.6 Lbs	234.2 Lbs	160 Amps	160 Amps



# Duplex Service Drop ACSR Neutral-Messenger Aluminum Conductor

## Applications

To supply 120 volt aerial service for temporary service at construction sites, outdoor or street lighting. For service at 600 volts or lower at a conductor temperature of 75°C maximum.

## Construction

Concentric strand or compressed 1350-H19 conductor, polyethylene or cross linked polyethylene insulation, concentric strand AAC, ACSR, or 6201 alloy neutral messenger.



## Standards

- ★ B-230 Aluminum Wire, 1350-H19 for Electrical Purposes.
- ★ B-231 Aluminum Conductors, Concentric-Lay-Stranded.
- ★ B-232 Aluminum Conductors, Concentric-Lay-Stranded, Coated Steel Reinforced (ACSR).
- ★ B-399 Concentric-Lay Stranded 6201-T81 Aluminum Alloy Conductors.
- ★ B-498 Zinc-Coated Steel Core Wire for Aluminum Conductors, Steel Reinforced (ACSR).
- ★ Duplex Service Drop cable meets or exceeds all applicable requirements of ANSI/ICEA S-76-474.

Item #	Phase Conductor Size AWG	Phase Conductor Stranding	Phase Conductor Insulation Thickness	Bare Neutral Messenger Size AWG	Bare Neutral Strand	Bare Neutral Messenger Breaking Strength	Weight Per 1000ft-XLP	Weight Per 1000ft-Poly	Rating -XLP	Rating -Poly
Setter	6	Solid	45 mls	6	6/1	1190 Lbs	75.0 Lbs	73.2 Lbs	70 Amps	70 Amps
Shepherd	6	7/w	45 mls	6	6/1	1190 Lbs	78.3 Lbs	74.6 Lbs	70 Amps	70 Amps
Eskimo	4	Solid	45 mls	4	6/1	1860 Lbs	113.7 Lbs	111.6 Lbs	90 Amps	90 Amps
Terrier	4	7/w	45 mls	4	6/1	1860 Lbs	118.7 Lbs	113.6 Lbs	90 Amps	90 Amps
Chow	2	7/w	45 mls	2	6/1	2850 Lbs	181.7 Lbs	174.7 Lbs	120 Amps	120 Amps
Bull	1/0	19/w	60 mls	1/0	6/1	4380 Lbs	288.7 Lbs	280.3 Lbs	160 Amps	160 Amps

# Duplex Service Drop AAAC 6201 Alloy Neutral Messenger Aluminum Conductor

## Applications

To supply 120 volt aerial service for temporary service at construction sites, outdoor or street lighting. For service at 600 volts or lower at a conductor temperature of 75°C maximum.

## Construction

Concentric strand or compressed 1350-H19 conductor, polyethylene or cross linked polyethylene insulation, concentric strand AAC, ACSR, or 6201 alloy neutral messenger.



## Standards

- ★ B-230 Aluminum Wire, 1350-H19 for Electrical Purposes.
- ★ B-231 Aluminum Conductors, Concentric-Lay-Stranded.
- ★ B-232 Aluminum Conductors, Concentric-Lay-Stranded, Coated Steel Reinforced (ACSR).
- ★ B-399 Concentric-Lay-Stranded 6201-T81 Aluminum Alloy Conductors.
- ★ B-498 Zinc-Coated Steel Core Wire for Aluminum Conductors, Steel Reinforced (ACSR).
- ★ Duplex Service Drop cable meets or exceeds all applicable requirements of ANSI/ICEA S-76-474.

Item #	Phase Conductor Size AWG	Phase Conductor Stranding	Phase Conductor Insulation Thickness	Bare Neutral Messenger Size AWG	Bare Neutral Strand	Bare Neutral Messenger Breaking Strength	Weight Per 1000ft-XLP	Weight Per 1000ft-Poly	Rating -XLP	Rating -Poly
Chihuahua	6	Solid	45 mls	6	7	1110 Lbs	67.6 Lbs	65.8 Lbs	70 Amps	70 Amps
Vizsla	6	7/w	45 mls	6	7	1110 Lbs	70.9 Lbs	67.2 Lbs	70 Amps	70 Amps
Harrier	4	Solid	45 mls	4	7	1760 Lbs	102.0 Lbs	99.9 Lbs	90 Amps	90 Amps
Whippet	4	7/w	45 mls	4	7	1760 Lbs	107.0 Lbs	101.9 Lbs	90 Amps	90 Amps
Schnauzer	2	7/w	45 mls	2	7	2800 Lbs	163.3 Lbs	156.2 Lbs	120 Amps	120 Amps
Heeler	1/0	19/w	60 mls	1/0	7	4460 Lbs	259.2 Lbs	250.8 Lbs	160 Amps	160 Amps



# Triplex Service Drop Aluminum Conductors AAC Neutral-Messenger

## Applications

To supply power from the utility's lines to the consumer's weatherhead. For service at 600 volts or less (phase to phase) at a conductor temperature of 75°C maximum for polyethylene insulation or 90°C maximum for cross linked insulation.

## Construction

Concentric strand or compressed 1350-H19 conductor, polyethylene or cross linked polyethylene insulation, concentric strand AAC, ACSR or 6201 alloy neutral messenger.



## Standards

- ★ B-230 Aluminum Wire 1350-H19 for Electrical Purposes.
- ★ B-231 Aluminum Conductors, Concentric-Lay-Stranded.
- ★ B-232 Aluminum Conductors, Concentric-Lay-Stranded, Coated Steel Reinforced (ACSR).
- ★ B-399 Concentric-Lay-Stranded 6201-T81 Aluminum Alloy Conductors.
- ★ B-498 Zinc-Coated Steel Core Wire for Aluminum Conductors, Steel Reinforced (ACSR).
- ★ Triplex Service Drop cable meets or exceeds all applicable requirements of ANSI/ICEA body S-76-474.

Item #	Phase Conductor Size AWG	Phase Conductor Stranding	Phase Conductor Insulation Thickness	Bare Neutral Messenger Size AWG	Bare Neutral Messenger Stranding	Bare Neutral Messenger Breaking Strength	Weight Per 1000ft-XLP	Weight Per 1000ft-Poly	Ampacity -XLP	Ampacity -Poly
Haiotis	6	Solid	45 mls	6	7	563 Lbs	102.5 Lbs	98.8 Lbs	85 Amps	70 Amps
Patella	6	7/w	45 mls	6	7	563 Lbs	109.1 Lbs	101.6 Lbs	85 Amps	70 Amps
Fusus	4	Solid	45 mls	4	7	881 Lbs	151.9 Lbs	147.6 Lbs	115 Amps	90 Amps
Oyster	4	7/w	45 mls	4	7	881 Lbs	161.8 Lbs	151.7 Lbs	115 Amps	90 Amps
Clam	2	7/w	45 mls	2	7	1350 Lbs	243.2 Lbs	229.2 Lbs	150 Amps	120 Amps
Murex	1/0	7/w	60 mls	1/0	7	1990 Lbs	395.1 Lbs	369.4 Lbs	205 Amps	160 Amps
Purpura	1/0	19/w	60 mls	1/0	7	1990 Lbs	386.1 Lbs	369.4 Lbs	205 Amps	160 Amps
Nassa	2/0	7/w	60 mls	2/0	7	2510 Lbs	485.8 Lbs	455.3 Lbs	235 Amps	185 Amps
Melita	3/0	19/w	60 mls	3/0	19	3310 Lbs	585.2 Lbs	562.9 Lbs	275 Amps	215 Amps
Portunus	4/0	19/w	60 mls	4/0	19	4020 Lbs	723.9 Lbs	697.3 Lbs	315 Amps	245 Amps
Nannynose	336.4	19/w	80 mls	336.4	19	6146 Lbs	1160.4 Lbs	1118.0 Lbs	420 Amps	325 Amps

# Triplex Service Drop Aluminum Conductors With Full Size ACSR Messenger

## Applications

To supply power from the utility's lines to the consumer's weatherhead. For service at 600 volts or less (phase to phase) at a conductor temperature of 75°C maximum for polyethylene insulation or 90°C maximum for cross linked insulation.

## Construction

Concentric strand or compressed 1350-H19 conductor, polyethylene or cross linked polyethylene insulation, concentric strand AAC, ACSR or 6201 alloy neutral messenger.



## Standards

- ★ B-230 Aluminum Wire 1350-H19 for Electrical Purposes.
- ★ B-231 Aluminum Conductors, Concentric-Lay-Stranded.
- ★ B-232 Aluminum Conductors, Concentric-Lay-Stranded, Coated Steel Reinforced (ACSR).
- ★ B-309 Concentric-Lay-Stranded 6201-T81 Aluminum Alloy Conductors.
- ★ B-498 Zinc-Coated Steel Core Wire for Aluminum Conductors, Steel Reinforced (ACSR).
- ★ Triplex Service Drop cable meets or exceeds all applicable requirements of ANSI/ICEA body S-76-474.

Item #	Phase Conductor Size AWG	Phase Conductor Stranding	Phase Conductor Insulation Thickness	Bare Neutral Messenger Size AWG	Bare Neutral Messenger Stranding	Bare Neutral Messenger Breaking Strength	Weight Per 1000ft-XLP	Weight Per 1000ft-Poly	Ampacity -XLP	Ampacity -Poly
Paludina	6	Solid	45 mls	6	6/1	1190 Lbs	114 Lbs	113 Lbs	85 Amps	70 Amps
Voluta	6	7	45 mls	6	6/1	1190 Lbs	120 Lbs	113 Lbs	85 Amps	70 Amps
Whelk	4	Solid	45 mls	4	6/1	1860 Lbs	169 Lbs	165 Lbs	115 Amps	90 Amps
Periwinkle	4	7	45 mls	4	6/1	1860 Lbs	176 Lbs	172 Lbs	115 Amps	90 Amps
Conch	2	7	45 mls	2	6/1	2850 Lbs	267 Lbs	261 Lbs	150 Amps	120 Amps
Neritina	1/0	7	60 mls	1/0	6/1	4380 Lbs	530 Lbs	419 Lbs	205 Amps	160 Amps
Cenia	1/0	19	60 mls	1/0	6/1	4380 Lbs	426 Lbs	416 Lbs	205 Amps	160 Amps
Runcina	2/0	7	60 mls	2/0	6/1	5310 Lbs	530 Lbs	519 Lbs	235 Amps	185 Amps
Triton	2/0	19	60 mls	2/0	6/1	5310 Lbs	526 Lbs	514 Lbs	235 Amps	185 Amps
Cherrystone	3/0	7	60 mls	3/0	6/1	6620 Lbs	656 Lbs	643 Lbs	250 Amps	200 Amps
Mursia	3/0	19	60 mls	3/0	6/1	6620 Lbs	650 Lbs	638 Lbs	250 Amps	200 Amps
Razor	4/0	7	60 mls	4/0	6/1	8350 Lbs	814 Lbs	799 Lbs	315 Amps	245 Amps
Zuzara	4/0	19	60 mls	4/0	6/1	8350 Lbs	805 Lbs	792 Lbs	315 Amps	245 Amps
Limpet	336.4	19	80 mls	336.4	18/1	8680 Lbs	1209 Lbs	1167 Lbs	420 Amps	325 Amps



# Triplex Service Drop Aluminum Conductors With ACSR Reduced Size Messenger

## Applications

To supply power from the utility's lines to the consumer's weatherhead. For service at 600 volts or less (phase to phase) at a conductor temperature of 75°C maximum for polyethylene insulation or 90°C maximum for cross linked insulation.

## Construction

Concentric strand or compressed 1350-H19 conductor, polyethylene or cross linked polyethylene insulation, concentric strand AAC, ACSR or 6201 alloy neutral messenger.



## Standards

- ★ B-230 Aluminum Wire 1350-H19 for Electrical Purposes.
- ★ B-231 Aluminum Conductors, Concentric-Lay-Stranded.
- ★ B-232 Aluminum Conductors, Concentric-Lay-Stranded, Coated Steel Reinforced (ACSR).
- ★ B-399 Concentric-Lay-Stranded 6201-T81 Aluminum Alloy Conductors.
- ★ B-498 Zinc-Coated Steel Core Wire for Aluminum Conductors, Steel Reinforced (ACSR).
- ★ Triplex Service Drop cable meets or exceeds all applicable requirements of ANSI/ICEA body S-76-474.

Item #	Phase Conductor Size AWG	Phase Conductor Stranding	Phase Conductor Insulation Thickness	Bare Neutral Messenger Size AWG	Bare Neutral Messenger Stranding	Bare Neutral Messenger Breaking Strength	Weight Per 1000ft-XLP	Weight Per 1000ft-Poly	Ampacity -XLP	Ampacity -Poly
Scallop	4	Solid	45 mls	6	6/1	1190 Lbs	148 Lbs	144 Lbs	115 Amps	90 Amps
Strombus	4	7/w	45 mls	6	6/1	1190 Lbs	158 Lbs	148 Lbs	115 Amps	90 Amps
Cockle	2	7/w	45 mls	4	6/1	1860 Lbs	233 Lbs	227 Lbs	150 Amps	120 Amps
Janthina	1/0	7/w	60 mls	2	6/1	2850 Lbs	376 Lbs	365 Lbs	205 Amps	160 Amps
Ranella	1/0	19/w	60 mls	2	6/1	2850 Lbs	372 Lbs	362 Lbs	205 Amps	160 Amps
Cavolinia	2/0	7/w	60 mls	1	6/1	3550 Lbs	462 Lbs	451 Lbs	235 Amps	185 Amps
Clio	2/0	19/w	60 mls	1	6/1	3550 Lbs	458 Lbs	446 Lbs	235 Amps	185 Amps
Sanddollar	3/0	7/w	60 mls	1/0	6/1	4380 Lbs	570 Lbs	557 Lbs	275 Amps	215 Amps
Aega	3/0	19/w	60 mls	1/0	6/1	4380 Lbs	565 Lbs	552 Lbs	275 Amps	215 Amps
Cuttlefish	4/0	7/w	60 mls	2/0	6/1	5310 Lbs	706 Lbs	691 Lbs	315 Amps	245 Amps
Cerapus	4/0	19/w	60 mls	2/0	6/1	5310 Lbs	699 Lbs	684 Lbs	315 Amps	245 Amps
Cowry	336.4	19/w	80 mls	4/0	6/1	8350 Lbs	1135 Lbs	1093 Lbs	420 Amps	325 Amps

# Triplex Service Drop Aluminum Conductors AAAC 6201 Alloy Neutral-Messenger

## Applications

To supply power from the utility's lines to the consumer's weatherhead. For service at 600 volts or less (phase to phase) at a conductor temperature of 75°C maximum for polyethylene insulation or 90°C maximum for cross linked insulation.

## Construction

Concentric strand or compressed 1350-H19 conductor, polyethylene or cross linked polyethylene insulation, concentric strand AAC,ACSR or 6201 alloy neutral messenger.



## Standards

- ★ B-230 Aluminum Wire 1350-H19 for Electrical Purposes.
- ★ B-231 Aluminum Conductors, Concentric-Lay-Stranded.
- ★ B-232 Aluminum Conductors, Concentric-Lay-Stranded, Coated Steel Reinforced (ACSR).
- ★ B-399 Concentric-Lay-Stranded 6201-T81 Aluminum Alloy Conductors.
- ★ B-498 Zinc-Coated Steel Core Wire for Aluminum Conductors, Steel Reinforced (ACSR).
- ★ Triplex Service Drop cable meets or exceeds all applicable requirements of ANSI/ICEA body S-76-474.

Item #	Phase Conductor Size AWG	Phase Conductor Stranding	Phase Conductor Insulation Thickness	Bare Neutral Messenger Size AWG	Bare Neutral Messenger Stranding	Bare Neutral Messenger Breaking Strength	Weight Per 1000ft-XLP	Weight Per 1000ft-Poly	Ampacity -XLP	Ampacity -Poly
Minex	6	Solid	45 mls	6	7	1110 Lbs	106.6 Lbs	102.9 Lbs	85 Amps	70 Amps
Hippa	6	7	45 mls	6	7	1110 Lbs	113.2 Lbs	105.7 Lbs	85 Amps	70 Amps
Prawn	4	Solid	45 mls	4	7	1760 Lbs	158.4 Lbs	154.1 Lbs	115 Amps	90 Amps
Barnacles	4	7	45 mls	4	7	1760 Lbs	168.3 Lbs	158.2 Lbs	115 Amps	90 Amps
Shrimp	2	7	45 mls	2	7	2800 Lbs	253.7 Lbs	239.7 Lbs	150 Amps	120 Amps
Gammarus	1/0	7	60 mls	1/0	7	4460 Lbs	411.7 Lbs	386.0 Lbs	205 Amps	160 Amps
Leda	1/0	19	60 mls	1/0	7	4460 Lbs	402.7 Lbs	386.0 Lbs	205 Amps	160 Amps
Dungenese	2/0	7	60 mls	2/0	7	5390 Lbs	506.8 Lbs	476.3 Lbs	235 Amps	185 Amps
Cyclops	2/0	19	60 mls	2/0	7	5390 Lbs	495.3 Lbs	476.3 Lbs	235 Amps	185 Amps
Flustra	3/0	19	60 mls	3/0	7	6790 Lbs	611.4 Lbs	589.1 Lbs	275 Amps	215 Amps
Lepas	4/0	19	60 mls	4/0	7	8560 Lbs	757.1 Lbs	730.5 Lbs	315 Amps	245 Amps



# Triplex Service Drop Aluminum Conductors AAAC 6201 Alloy Reduced Neutral-Messenger

## Applications

To supply power from the utility's lines to the consumer's weatherhead. For service at 600 volts or less (phase to phase) at a conductor temperature of 75°C maximum for polyethylene insulation or 90°C maximum for cross linked insulation.



## Construction

Concentric strand or compressed 1350-H19 conductor, polyethylene or cross linked polyethylene insulation, concentric strand AAC, ACSR or 6201 alloy neutral messenger.

## Standards

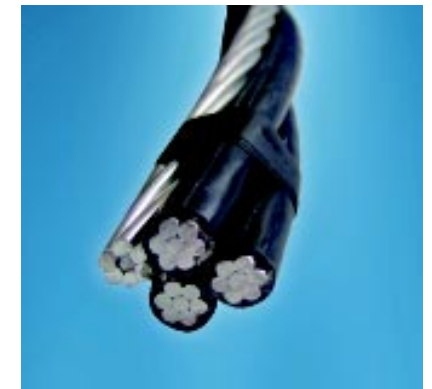
- ★ B-230 Aluminum Wire 1350-H19 for Electrical Purposes.
- ★ B-231 Aluminum Conductors, Concentric-Lay-Stranded.
- ★ B-232 Aluminum Conductors, Concentric-Lay-Stranded, Coated Steel Reinforced (ACSR).
- ★ B-399 Concentric-Lay-Stranded 6201-T81 Aluminum Alloy Conductors.
- ★ B-498 Zinc-Coated Steel Core Wire for Aluminum Conductors, Steel Reinforced (ACSR).
- ★ Triplex Service Drop cable meets or exceeds all applicable requirements of ANSI/ICEA body S-76-474.

Item #	Phase Conductor Size AWG	Phase Conductor Stranding	Phase Conductor Insulation Thickness	Bare Neutral Messenger Size AWG	Bare Neutral Messenger Stranding	Bare Neutral Messenger Breaking Strength	Weight Per 1000ft-XLP	Weight Per 1000ft-Poly	Ampacity -XLP	Ampacity -Poly
Artemia	4	Solid	45 mls	6	7	1110 Lbs	141.4 Lbs	137.1 Lbs	115 Amps	90 Amps
Crab	4	7	45 mls	6	7	1110 Lbs	151.3 Lbs	141.2 Lbs	115 Amps	90 Amps
Solaster	2	7	45 mls	4	7	1760 Lbs	226.6 Lbs	212.6 Lbs	150 Amps	120 Amps
Sandcrab	1/0	7	60 mls	2	7	2800 Lbs	368.8 Lbs	343.1 Lbs	205 Amps	160 Amps
Echinus	1/0	19	60 mls	2	7	2800 Lbs	358.8 Lbs	343.1 Lbs	205 Amps	160 Amps
Crayfish	2/0	7	60 mls	1	7	3530 Lbs	452.6 Lbs	422.5 Lbs	235 Amps	185 Amps
Sipho	2/0	19	60 mls	1	7	3530 Lbs	441.0 Lbs	422.5 Lbs	235 Amps	185 Amps
Fulgar	3/0	19	60 mls	1/0	7	4460 Lbs	543.4 Lbs	521.1 Lbs	275 Amps	215 Amps
Arca	4/0	19	60 mls	2/0	7	5390 Lbs	671.2 Lbs	644.6 Lbs	315 Amps	245 Amps

# Quadruplex Service Drop Aluminum Conductors AAC Neutral-Messenger

## Applications

Used to supply 3 phase power, usually from a pole-mounted transformer, to the user's service head where connection to the service entrance cable is made. To be used at voltages of 600 volts or less phase to phase and at conductor temperatures not to exceed 75°C for polyethylene insulated conductors or 90°C for cross linked polyethylene (XLP) insulated conductors.



## Construction

Conductors are concentrically stranded, compressed 1350-H19 aluminum. Insulated with either polyethylene or XLP cross linked polyethylene. Neutral messengers are concentrically stranded 6201, AAC, or ACSR. One conductor is manufactured with an extruded ridge for phase identification.

## Standards

- ★ B-230 Aluminum Wire, 1350-H19 for Electrical Purposes.
- ★ B-231 Aluminum conductors, Concentric-Lay-Stranded.
- ★ B-232 Aluminum Conductors, Concentric-Lay-Stranded, Coated Steel Reinforced (ACSR).
- ★ B-399 Concentric-Lay-Stranded, 6201-T81 Aluminum Alloy Conductors.
- ★ B-498 Zinc-Coated Steel Core Wire for Aluminum Conductors, Steel Reinforced (ACSR).
- ★ Quadruplex Service Drop cable meets or exceeds all applicable requirements of ANSI/ICEA S-76-474.

## Note

Designated sizes are: ACSR 6/1 diameter equivalent and AAC with equivalent resistivity per ASTM-B-399 for 6201. Conductor temperature of 90°C for XLR 75°C for Poly; ambient temperatures of 40°C; emissivity 0.9; 2ft./sec/wind in sun. To determine current ampacity by conductor size, please consult The National Electric Code, latest edition.

Item #	Phase Conductor Size AWG	Phase Conductor Stranding	Phase Conductor Insulation Thickness	Bare Neutral Messenger Size AWG	Bare Neutral Messenger Stranding	Bare Neutral Messenger Breaking Strength	Weight Per 1000ft-XLP	Weight Per 1000ft-Poly	Ampacity -XLP	Ampacity -Poly
Clydesdale	4	7/w	45 mls	4	7	881 Lbs	208 Lbs	201.8 Lbs	100 Amps	80 Amps
Pinto	4	7/w	45 mls	4	7	881 Lbs	223 Lbs	207.9 Lbs	100 Amps	80 Amps
Mustang	2	19/w	45 mls	2	7	1350 Lbs	333 Lbs	312.6 Lbs	135 Amps	105 Amps
Criollo	1/0	19/w	60 mls	1/0	7	1990 Lbs	529 Lbs	504.5 Lbs	180 Amps	140 Amps
Percheron	2/0	19/w	60 mls	2/0	7	2510 Lbs	649 Lbs	620.5 Lbs	205 Amps	160 Amps
Hanoverian	3/0	19/w	60 mls	3/0	19	3310 Lbs	799 Lbs	765.6 Lbs	235 Amps	185 Amps
Oldenburg	4/0	19/w	60 mls	4/0	19	4020 Lbs	986 Lbs	946.7 Lbs	275 Amps	210 Amps
Lippizaner	336.4	Solid	80 mls	336.4	19	6146 Lbs	1546 Lbs	1519.2 Lbs	370 Amps	280 Amps



# Quadruplex Service Drop Aluminum Conductors ACSR Neutral-Messenger

## Applications

Used to supply 3 phase power, usually from a pole-mounted transformer, to the user's service head where connection to the service entrance cable is made. To be used at voltages of 600 volts or less phase to phase and at conductor temperatures not to exceed 75°C for polyethylene insulated conductors or 90°C for cross linked polyethylene (XLP) insulated conductors.

## Construction

Conductors are concentrically stranded, compressed 1350-H19 aluminum. Insulated with either polyethylene or XLP cross linked polyethylene. Neutral messengers are concentrically stranded 6201, AAC, or ACSR. One conductor is manufactured with an extruded ridge for phase identification.



## Standards

- ★ B-230 Aluminum Wire, 1350-H19 for Electrical Purposes.
- ★ B-231 Aluminum conductors, Concentric-Lay-Stranded.
- ★ B-232 Aluminum Conductors, Concentric-Lay-Stranded, Coated Steel Reinforced (ACSR).
- ★ B-399 Concentric-Lay-Stranded, 6201-T81 Aluminum Alloy Conductors.
- ★ B-498 Zinc-Coated Steel Core Wire for Aluminum Conductors, Steel Reinforced (ACSR).
- ★ Quadruplex Service Drop cable meets or exceeds all applicable requirements of ANSI/ICEA S-76-474.

## Note

Designated sizes are : ACSR 6/1 diameter equivalent and AAC with equivalent resistivity per ASTM-B-399 for 6201. Conductor temperature of 90°C for XLR 75°C for Poly; ambient temperatures of 40°C; emissivity 0.9; 2ft./sec/wind in sun. To determine current ampacity by conductor size, please consult The National Electric Code, latest edition.

Item #	Phase Conductor Size AWG	Phase Conductor Stranding	Phase Conductor Insulation Thickness	Bare Neutral Messenger Size AWG	Bare Neutral Messenger Stranding	Bare Neutral Messenger Breaking Strength	Weight Per 1000ft-XLP	Weight Per 1000ft-Poly	Ampacity -XLP	Ampacity -Poly
Morochuca	6	7/w	45 mls	6	6/1	1190 Lbs	152 Lbs	147.4 Lbs	75 Amps	60 Amps
Chola	6	Solid	45 mls	6	6/1	1190 Lbs	162 Lbs	151.7 Lbs	75 Amps	60 Amps
Morgan	4	7/w	45 mls	4	6/1	1860 Lbs	226 Lbs	220 Lbs	100 Amps	80 Amps
Hackney	4	7/w	45 mls	4	6/1	1860 Lbs	241 Lbs	226.1 Lbs	100 Amps	80 Amps
Palomino	2	19/w	45 mls	2	6/1	2850 Lbs	362 Lbs	342.6 Lbs	135 Amps	105 Amps
Costena	1/0	19/w	60 mls	1/0	6/1	4380 Lbs	575 Lbs	550.6 Lbs	180 Amps	140 Amps
Grullo	2/0	19/w	60 mls	2/0	6/1	5310 Lbs	707 Lbs	678.7 Lbs	205 Amps	160 Amps
Suffolk	3/0	19/w	60 mls	3/0	6/1	6620 Lbs	872 Lbs	838.9 Lbs	235 Amps	185 Amps
Appaloosa	4/0	19/w	60 mls	4/0	6/1	8350 Lbs	1079 Lbs	1039.2 Lbs	275 Amps	210 Amps
Bronco	336.4	19/w	80 mls	336.4	18/1	8580 Lbs	1613 Lbs	1568.2 Lbs	370 Amps	280 Amps
Gelding	336.4	19/w	80 mls	4/0	6/1	8350 Lbs	1548 Lbs	1494.3 Lbs	370 Amps	280 Amps

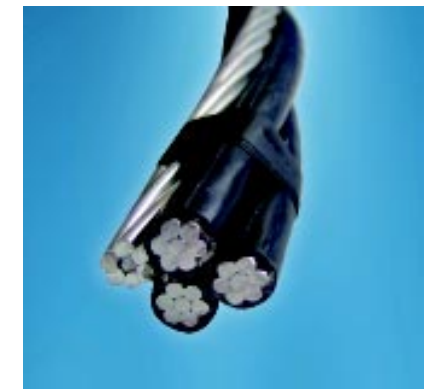
# Quadruplex Service Drop Aluminum Conductors AAAC 6201 Alloy Neutral-Messenger

## Applications

Used to supply 3 phase power, usually from a pole-mounted transformer, to the user's service head where connection to the service entrance cable is made. To be used at voltages of 600 volts or less phase to phase and at conductor temperatures not to exceed 75°C for polyethylene insulated conductors or 90°C for cross linked polyethylene (XLP) insulated conductors.

## Construction

Conductors are concentrically stranded, compressed 1350-H19 aluminum. Insulated with either polyethylene or XLP cross linked polyethylene. Neutral messengers are concentrically stranded 6201, AAC, or ACSR. One conductor is manufactured with an extruded ridge for phase identification.



## Standards

- ★ B-230 Aluminum Wire, 1350-H19 for Electrical Purposes.
- ★ B-231 Aluminum conductors, Concentric-Lay-Stranded.
- ★ B-232 Aluminum Conductors, Concentric-Lay-Stranded, Coated Steel Reinforced (ACSR).
- ★ B-399 Concentric-Lay-Stranded, 6201-T81 Aluminum Alloy Conductors.
- ★ B-498 Zinc-Coated Steel Core Wire for Aluminum Conductors, Steel Reinforced (ACSR).
- ★ Quadruplex Service Drop cable meets or exceeds all applicable requirements of ANSI/ICEA S-76-474.

## Note

Designated sizes are: ACSR 6/1 diameter equivalent and AAC with equivalent resistivity per ASTM-B-399 for 6201. Conductor temperature of 90°C for XLR 75°C for Poly; ambient temperatures of 40°C; emissivity 0.9; 2ft./sec/wind in sun. To determine current ampacity by conductor size, please consult The National Electric Code, latest edition.

Item #	Phase Conductor Size AWG	Phase Conductor Stranding	Phase Conductor Insulation Thickness	Bare Neutral Messenger Size AWG	Bare Neutral Messenger Stranding	Bare Neutral Messenger Breaking Strength	Weight Per 1000ft-XLP	Weight Per 1000ft-Poly	Ampacity -XLP	Ampacity -Poly
Bay	6	Solid	45 mls	6	7	1110 Lbs	145 Lbs	140.0 Lbs	75 Amps	60 Amps
French Coach	6	7/w	45 mls	6	7	1110 Lbs	155 Lbs	144.3 Lbs	75 Amps	60 Amps
German Coach	4	Solid	45 mls	4	7	1760 Lbs	214 Lbs	208.3 Lbs	100 Amps	80 Amps
Arabian	4	7/w	45 mls	4	7	1760 Lbs	229 Lbs	214.4 Lbs	100 Amps	80 Amps
Belgian	2	7/w	45 mls	2	7	2800 Lbs	344 Lbs	323.1 Lbs	135 Amps	105 Amps
Shetland	1/0	19/w	60 mls	1/0	7	4460 Lbs	546 Lbs	521.1 Lbs	180 Amps	140 Amps
Thoroughbred	2/0	19/w	60 mls	2/0	7	5390 Lbs	670 Lbs	641.5 Lbs	205 Amps	160 Amps
Trotter	3/0	19/w	60 mls	3/0	7	6790 Lbs	825 Lbs	791.8 Lbs	235 Amps	185 Amps
Walking	4/0	19/w	60 mls	4/0	7	8560 Lbs	1019 Lbs	979.7 Lbs	275 Amps	210 Amps



# Single Conductor 600V Secondary Type UD Cable Aluminum Conductor

## Applications

Directly buried or installed in ducts for 600 volt secondary distribution.

## Construction

Concentric stranded or compressed 1350-H19 aluminum conductor, cross linked polyethylene insulation.

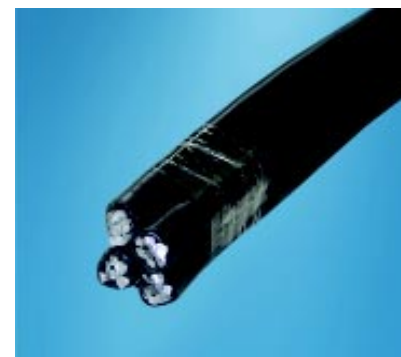
## Standards

Secondary UD single conductor 600V cable meets or exceeds the following ASTM specifications.

- ★ B-230 Aluminum Wire, 1350-H19 for Electrical Purposes.
- ★ B-231 Aluminum 1350 conductors, Concentric-Lay-Stranded.
- ★ B-786 “19 Wire combination unitary-stranded Aluminum Conductors for subsequent insulation”.
- ★ B-901 “Compressed round stranded Aluminum Conductors using single input wire construction”.
- ★ Secondary UD single conductor 600V cable meets or exceeds all applicable requirements of ICEA S-105-692.
- ★ “USE-2” per UL 854 available upon request.

## Options

- ★ Cable in Duct (CIC)
- ★ Abrasion Resistant



Item #	Size AWG or MCM	Stranding	Insulation Thickness	Outside Diameter	Weight Per 1000ft	Ampacity Direct Burial	Ampacity in Duct
Princeton	6	7/w	60 mls	0.298 Inches	45 Lbs	90 Amps	65 Amps
Mercer	4	7/w	60 mls	0.345 Inches	64 Lbs	120 Amps	85 Amps
Clemson	2	7/w	60 mls	0.403 Inches	93 Lbs	155 Amps	115 Amps
Kenyon	1	19/w	80 mls	0.522 Inches	148 Lbs	200 Amps	150 Amps
Harvard	1/0	19/w	80 mls	0.482 Inches	122 Lbs	175 Amps	130 Amps
Yale	2/0	19/w	80 mls	0.566 Inches	179 Lbs	225 Amps	170 Amps
Tufts	3/0	19/w	80 mls	0.616 Inches	217 Lbs	250 Amps	195 Amps
Beloit	4/0	19/w	80 mls	0.672 Inches	265 Lbs	290 Amps	225 Amps
Hofstra	250	37/w	95 mls	0.748 Inches	317 Lbs	320 Amps	250 Amps
Gonzaga	300	37/w	95 mls	0.801 Inches	371 Lbs	355 Amps	280 Amps
Rutgers	350	37/w	95 mls	0.851 Inches	423 Lbs	385 Amps	305 Amps
Emory	500	37/w	95 mls	0.979 Inches	579 Lbs	465 Amps	370 Amps
Duke	600	61/w	110 mls	1.086 Inches	701 Lbs	510 Amps	410 Amps
Furman	700	61/w	110 mls	1.155 Inches	804 Lbs	550 Amps	440 Amps
Sewanee	750	61/w	110 mls	1.188 Inches	855 Lbs	580 Amps	470 Amps
Fordham	1000	61/w	110 mls	1.337 Inches	1109 Lbs	670 Amps	545 Amps

# Duplex Conductor 600V Secondary Type URD Cable-Aluminum Conductor

## Applications

Directly buried or installed in ducts for 600 volt secondary distribution.

## Construction

Concentric stranded or compressed 1350-H19 aluminum conductor, cross linked polyethylene insulation.

Insulated conductors surface printed, neutral triple yellow striped. Black neutrals may be specified if desired.



## Standards

Secondary UD duplex conductor 600V cable meets or exceeds the following ASTM specifications.

- ★ B-230 Aluminum Wire, 1350-H19 for Electrical Purposes.
- ★ B-231 Aluminum 1350 conductors, Concentric-Lay-Stranded.
- ★ B-786 “19 Wire combination unitary-stranded Aluminum Conductors for subsequent insulation”.
- ★ B-901 “Compressed round stranded Aluminum Conductors using single input wire construction”.
- ★ Secondary UD duplex conductor 600V cable meets or exceeds all applicable requirements of ICEA S-105-692.
- ★ “USE-2” per UL 854 available upon request.

## Options

- ★ Cable in Duct
- ★ Abrasion Resistant

Item #	Phase Conductor Size AWG	Phase Conductor Stranding	Phase Conductor Insulation Thickness	Neutral Size AWG	Neutral Stranding	Neutral Insulation Thickness	Single Phase Conductor	Outside Diameter	Weight Per 1000ft	Ampacity Direct Burial	Ampacity in Duct
Bard	8	7/w	60 mls	8	7/w	60 mls	0.262 Inches	0.524 Inches	76 Lbs	70 Amps	70 Amps
Clafin	6	7/w	60 mls	6	7/w	60 mls	0.299 Inches	0.596 Inches	91 Lbs	95 Amps	70 Amps
Delgado	4	7/w	60 mls	4	7/w	60 mls	0.345 Inches	0.690 Inches	129 Lbs	125 Amps	90 Amps
Everett	2	7/w	60 mls	2	7/w	60 mls	0.403 Inches	0.806 Inches	189 Lbs	187 Amps	100 Amps





# Triplex Conductor 600V Secondary Type URD Cable-Aluminum Conductor

## Applications

Directly buried or installed in ducts for 600 volt secondary distribution.

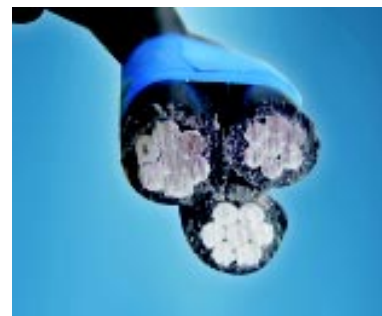
## Construction

Concentric stranded or compressed 1350-H19 aluminum conductors, cross linked polyethylene insulation. Insulated conductors surface printed, neutral triple yellow striped. Two phase and one neutral conductor twisted together (LH lay) or parallel if so specified. Black neutrals may be specified if desired.

## Standards

Secondary UD triplex conductor 600V cable meets or exceeds the following ASTM specifications.

- ★ B-230 Aluminum Wire, 1350-H19 for Electrical Purposes.
- ★ B-231 Aluminum 1350 conductors, Concentric-Lay-Stranded.
- ★ B-786 “19 Wire combination unitary-stranded Aluminum Conductors for subsequent insulation”.
- ★ B-901 “Compressed round stranded Aluminum Conductors using single input wire construction”.
- ★ Secondary UD triplex conductor 600V cable meets or exceeds all applicable requirements of ICEA S-105-692.
- ★ “USE-2” per UL 854 available upon request.



## Options

- ★ Cable in Duct (CIC)
- ★ Abrasion Resistant

Item #	Conductor Size AWG	Conductor Stranding	Conductor Insulation Thickness (mils)	Size AWG	Neutral Stranding	Neutral Insulation Thickness (mils)	Single Phase Conductor (Inches)	Outside Diameter (Inches)	Weight Per 1000ft (lbs)	Ampacity Direct Burial (Amps)	Ampacity in Duct (Amps)
Erskine	6	7/w	60	6	7/w	60	0.299	0.646	143	95	70
Vassar	4	7/w	60	4	7/w	60	0.345	0.754	203	125	90
Stephens	2	7/w	60	4	7/w	60	0.403	0.842	264	165	120
Ramapo	2	7/w	60	2	7/w	60	0.403	0.874	294	165	120
Brenau	1/0	19/w	80	2	7/w	60	0.522	1.064	408	215	160
Bergen	1/0	19/w	80	1/0	19/w	80	0.522	1.133	465	215	160
Converse	2/0	19/w	80	1	19/w	80	0.566	1.174	502	245	160
Hunter	2/0	19/w	80	2/0	19/w	80	0.566	1.228	560	245	180
Hollins	3/0	19/w	80	1/0	19/w	80	0.616	1.276	606	280	205
Rockland	3/0	19/w	80	3/0	19/w	80	0.616	1.336	678	280	205
Sweetbriar	4/0	19/w	80	2/0	19/w	80	0.672	1.389	739	315	240
Monmouth	4/0	19/w	80	4/0	19/w	80	0.672	1.457	828	315	240
Pratt	250	37/w	95	3/0	19/w	80	0.748	1.538	893	345	265
Wesleyan	350	37/w	95	4/0	19/w	80	0.851	1.736	1166	415	320
Holyoke	500	37/w	95	300	37/w	95	0.979	2.008	1607	495	395
Rider	500	37/w	95	350	37/w	95	0.979	2.035	1663	495	395
Fairfield	750	61/w	110	500	37/w	95	1.188	2.086	2304	615	525

# Quadruplex Conductor 600V Secondary Type URD Cable Aluminum Conductor

## Applications

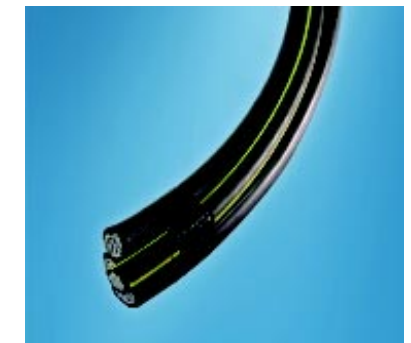
Directly buried or installed in ducts for 600 volt secondary distribution.

## Options

- ★ Cable in Duct (CIC)
- ★ Abrasion Resistant

## Construction

Concentric stranded or compressed 1350-H19 aluminum conductors, cross linked polyethylene insulation. Insulated conductors surface printed, neutral triple yellow striped. Three phase and one neutral conductor cabled together (LH lay) or parallel if so specified. Black neutrals may be specified if desired.



## Standards

Secondary UD quadruplex conductor 600V cable meets or exceeds the following ASTM specifications.

- ★ B-230 Aluminum Wire, 1350-H19 for Electrical Purposes.
- ★ B-231 Aluminum 1350 conductors, Concentric-Lay-Stranded.
- ★ B-786 “19 Wire combination unitary-stranded Aluminum Conductors for subsequent insulation”.
- ★ B-901 “Compressed round stranded Aluminum Conductors using single input wire construction”.
- ★ Secondary UD quadruplex conductor 600V cable meets or exceeds all applicable requirements of ICEA S-105-692.
- ★ “USE-2” per UL 854 available upon request.

Item #	Conductor Size AWG	Conductor Stranding	Conductor Insulation Thickness (mils)	Size AWG	Neutral Stranding	Neutral Insulation Thickness (mils)	Single Phase Conductor (Inches)	Outside Diameter (Inches)	Weight Per 1000ft (lbs)	Ampacity Direct Burial (Amps)	Ampacity in Duct (Amps)
Tulsa	4	7	60	4	4	60	0.345	0.833	258	119	85
Dyke	2	7	60	4	4	60	0.403	0.938	346	153	115
Wittenberg	2	7	60	2	2	60	0.403	0.973	375	153	115
Notre Dame	1/0	19	80	2	2	60	0.522	1.188	541	198	150
Purdue	1/0	19	80	1/0	1/0	80	0.522	1.260	596	198	150
Syracuse	2/0	19	80	1	1	80	0.566	1.316	664	225	170
Lafayette	2/0	19	80	2/0	2/0	80	0.566	1.367	720	225	170
Swarthmore	3/0	19	80	1/0	1/0	80	0.616	1.430	805	250	195
Davidson	3/0	19	80	3/0	3/0	80	0.616	1.487	874	250	195
Wake Forest	4/0	19	80	2/0	2/0	80	0.672	1.560	979	290	225
Earlham	4/0	19	80	4/0	4/0	80	0.672	1.623	1066	290	225
Slippery Rock	350	37	95	4/0	4/0	80	0.851	1.945	1544	385	305
Wofford	500	37	95	350	350	95	0.851	2.348	2174	467	420
Windham	750	61	110	500	500	95	0.979	2.850	2542	615	492

