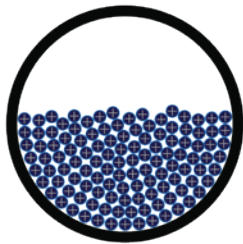


General Cable's GenSPEED<sup>®</sup> 10 family of Cat 6A solutions is the industry's first to feature a 0.250" overall diameter with guaranteed performance that meets or exceeds all TIA standards. Its innovative design, reduced diameter, lighter weight and increased flexibility translates to simplified cable handling and optimized cable management: less conduit, less cable tray and more cable in existing conduit trays which lowers overall project costs. GenSPEED 10 and GenSPEED 10 MTP can help you do more with less!

### More cable in conduit means real savings!

Reduced diameter translates to simplified cable management: GenSPEED 10 and GenSPEED 10 MTP are the only cables to allow up to 119 cables in a 4 in. conduit vs 80 cables of larger 6A cables on the market. Approaching the size of a Cat 6 cable, GenSPEED 10 Cat 6A Solutions allow you to upgrade your infrastructure without adding cable management expense.

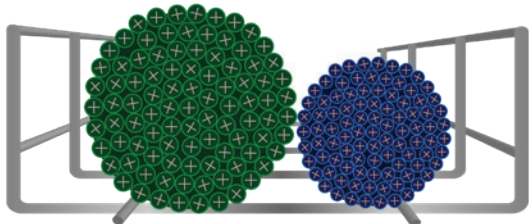


**GenSPEED<sup>®</sup> 10**  
CAT 6A SOLUTIONS

Cable OD	Conduit Size*								
	0.5 "	0.75	1 "	1.5 "	2 "	2.5 "	3 "	3.5 "	4 "
0.250	2	4	7	16	27	47	72	94	119
0.255	2	4	6	15	26	45	69	90	114
0.260	2	4	6	15	25	44	66	87	109
0.265	2	3	6	14	24	42	64	83	105
0.270	2	3	6	14	23	40	61	80	101
0.275	2	3	5	13	22	39	59	77	98
0.280	1	3	5	13	21	38	57	75	94
0.285	1	3	5	12	21	36	55	72	91
0.290	1	3	5	12	20	35	53	69	88
0.295	1	3	5	11	19	34	51	67	85
0.300	1	2	4	11	19	33	50	65	82

\*Represents maximum cables in an EMT style conduit per the NEC 40% fill rate recommendation.

### Maximize tray fill to keep project costs down!



First Cat 6A cable to feature 0.250" OD allowing for easier installation and increased cabling fill capacity: less cable tray and more cable in existing trays, which lowers overall costs. The ability to use a 4X8 rather than a 4X12 tray for a 300 cable run, for example, can save up to 15% on cable tray expense.

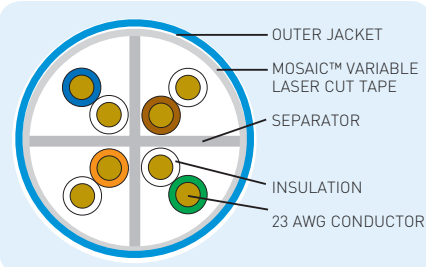
**GenSPEED<sup>®</sup> 10**  
CAT 6A SOLUTIONS

Cable OD	Cable Tray								
	4X2	4X4	4X6	4X8	4X12	4X16	4X18	4X20	4X24
0.250	83	161	240	321	484	647	728	810	973
0.255	80	154	231	308	465	622	700	778	935
0.260	77	148	222	296	447	598	673	749	899
0.265	74	143	214	285	430	575	648	721	866
0.270	71	138	206	275	415	554	624	694	834
0.275	69	133	198	265	400	534	602	669	804
0.280	66	128	191	255	385	515	580	645	775
0.285	64	123	185	247	372	497	560	623	748
0.290	62	119	178	238	359	480	541	602	723
0.295	60	115	172	230	347	464	523	581	698
0.300	58	111	167	222	336	449	506	562	675

\*Represents maximum cables in a cable tray per manufacturers' 50% fill rate recommendation.



## CROSS-SECTION



## GenSPEED<sup>®</sup> 10 MTP Cat 6A Cable

### FEATURES AND BENEFITS

- Utilizes innovative Mosaic laser cut technology to provide superior protection against alien crosstalk.
- Random laser cut pattern delivers maximum protection against EMI noise interference.
- UL Listed CMP-LP 0.7A with certified performance for high power PoE applications up to 140 W.
- UL verified with certified performance for 100W power over HDBaseT.
- Smaller cable diameter allows for greater cable density, reducing cable management costs.

### APPLICATIONS

- IEEE 802.3: 10G BASE-T, 1000 BASE-T, 100 BASE-TX, 10 BASE-T, PoE, PoE+ and PoE++

### PHYSICAL DATA

Nominal Cable Diameter (in)	0.25
Nominal Cable Weight (lbs/1000 ft)	32
Minimum Bend Radius (in)	1
Maximum Pulling Force (lbs)	40
Temperature Rating (°C)	
Installation:	0 to +60
Operation:	-20 to +105

### PART NUMBERS

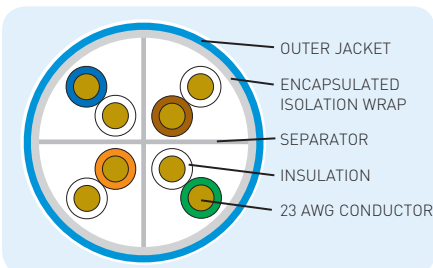
Standard Packaging: 1000' Spool\*

Jacket Color	CMP (Plenum)	
	Spool	Spool-Pac
Blue	<b>7141849</b>	<b>7141879</b>
White	<b>7141850</b>	<b>7141880</b>

\*Note: Spool Pac available upon request. Non-stock items may be subject to minimum order quantities. Other colors available.



## CROSS-SECTION



## GenSPEED<sup>®</sup> 10 UTP Cat 6A Cable

### FEATURES AND BENEFITS

- Innovative design provides guaranteed performance using the industry's smallest Cat 6A Cable.
- Smaller cable diameter allows for greater cable density, reducing cable management costs.
- Simplified design and improved bend radius make it easier to strip, terminate and route, reducing installation time and expense.
- Streamlined design allows for 36 reels per pallet improving distribution and warehousing efficiency.
- UL Listed CMP-LP 0.6A with certified performance for high power PoE applications.
- UL verified with certified performance for 100W power over HDBaseT.

### APPLICATIONS

- IEEE 802.3: 10G BASE-T, 1000 BASE-T, 100 BASE-TX, 10 BASE-T, PoE, PoE+ and POE++

### PHYSICAL DATA

Nominal Cable Diameter (in)	0.250
Nominal Cable Weight (lbs/1000 ft)	32
Minimum Bend Radius (in)	1
Maximum Pulling Force (lbs)	40
Temperature Rating (°C)	
Installation:	0 to +60
Operation:	-20 to +90

### PART NUMBERS

Standard Packaging: 1000' Spool\*

Jacket Color	CMP (Plenum)	
	Spool	Spool-Pac
Blue	<b>7141819</b>	<b>7141869</b>
White	<b>7141820</b>	<b>7141870</b>

\*Note: Spool Pac available upon request. Non-stock items may be subject to minimum order quantities. Other colors available.