

SHIPPING INFORMATION

Reel Size Charts / Length Policy



**AirCell® Shipping Information** (Revision 5/6/10)

AirCell® coaxial cables are shipped in cartons or on wooden reels. All reels are disposable. Small reels (under 62") are protected by use of heavy-duty cardboard or bubble wrap. Large reels (62" and above) for 7/8" and 1-5/8" size cable are protected by wrapping them with plywood.

The tables below show the weight/length of cables shipped in cartons or disposable wooden reels.

Shipping information is subject to change without notice. For current information, contact Trilogy Communications.

**AirCell® Transline Cable Weight/Length Per Pack - 50 & 75 Ohm**

			Carton, Qty, Ft		Reel, Qty, Ft				
Cable Size	Product Code	Cable Weight (lb/ft)	38"x38"x7"	24"D x 12"W	24"D x 17"W	30"D x 15"W	33"D x 21"W	42"D x 30"W	
1/2"	AT012J50 / 75	0.127 / .104	5-500	100-430	431-750	751-1200	1201-2000	2001-5500	
	AT012FX50 / 75	0.133 / .110	5-500	100-430	431-750	751-1200	1201-2000	2001-5500	
	AT012F50 / 75	0.141 / .116	5-500	100-430	431-750	751-1200	1201-2000	2001-5500	
	AT012R50 / 75	0.181 / .156	5-500	100-430	431-750	751-1200	1201-2000	2001-5500	
Tare Weight, lb	-	-	9	12	13	23	36	96	
			Carton, Qty, Ft		Reel, Qty, Ft				
Cable Size	Product Code	Cable Weight (lb/ft)	38"x38"x7"	46"x46"x9"	48"D x 18"W	48"D x 30"W	54"D x 30"W	58"D x 40"W	
5/8"	AT058J50 / 75	0.250 / .200	5-250	251-400	401-2000	2001-3000	3001-4500	-	
	AT058FX50 / 75	0.257 / .208	5-250	251-400	401-2000	2001-3000	3001-4500	-	
	AT058R50 / 75	0.328 / .274	5-250	251-400	401-2000	2001-3000	3001-4500	-	
7/8"	AT078J50 / 75	0.299 / .316	-	5-330	331-1100	1101-1800	1801-2400	2401-3000	
	AT078FX50 / 75	0.322 / .328	-	5-330	331-1100	1101-1800	1801-2400	2401-3000	
	AT078R50 / 75	0.415 / .430	-	5-330	331-1100	1101-1800	1801-2400	2401-3000	
Tare Weight, lb	-	-	9	12	75	143	165	332	
					Reel, Qty, Ft				
Cable Size	Product Code	Cable Weight (lb/ft)	62"D x 23"W	72"D x 23"W	72"D x 29"W	72"D x 42"W	76"D x 42"W	80"D x 42"W	
1-1/4"	AT114J50	0.555	100-650	651-1000	1001-1600	1601-2300	2301-3100	3101-3500	
	AT114FX50	0.527	100-650	651-1000	1001-1600	1601-2300	2301-3100	3101-3500	
	AT114R50	0.708	100-650	651-1000	1001-1600	1601-2300	2301-3100	3101-3500	
1-5/8"	AT158J50	0.701	100-400	401-750	751-1000	1001-1550	1551-1900	1901-2200	
	AT158FX50	0.822	100-400	401-750	751-1000	1001-1550	1551-1900	1901-2200	
	AT158R50	0.990	100-400	401-750	751-1000	1001-1550	1551-1900	1901-2200	
Tare Weight, lb	-	-	270	285	330	368	447	470	

**AirCell Transline Regular Jacket (J jacket only)**

Invoice quantity is based on ordered footage. Actual length can be +/- 1%. No additional surcharge will be assessed if the customer will take any combination of cable lengths/per reel (or bulk reel). Any specific tower length requested on individual reels will be assessed with a \$100 surcharge per reel.

**AirCell Transline Fire Retardant Jacket (FX, F, R type of jacket)**

See next page, **Special Conditions for Fire Retardant Jacket (FX, F, R type of jacket) for AirCell Transline & Radiating Cable**

Phone: 1-800-TRILOGY  
1-601-932-4461  
Fax: 1-601-939-6637



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Address: 2910 HWY 80 East  
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**AirCell® Shipping Information** (Revision 5/6/10)

**AirCell® Radiating Cable Weight/Length Per Pack - 50 & 75 Ohm**

			Carton, Qty, Ft		Reel, Qty, Ft				
Cable Size	Product Code	Cable Weight (lb/ft)	38"x38"x7"	24"D x 12"W	24"D x 17"W	30"D x 15"W	33"D x 21"W	42"D x 30"W	
1/2"	AR012J50 / 75	0.119 / .097	5-500	100-430	431-750	751-1200	1201-2000	2001-5500	
	AR012FX50 / 75	0.125 / .103	5-500	100-430	431-750	751-1200	1201-2000	2001-5500	
	AR012F50 / 75	0.138 / .116	5-500	100-430	431-750	751-1200	1201-2000	2001-5500	
	AR012R50 / 75	0.176 / .155	5-500	100-430	431-750	751-1200	1201-2000	2001-5500	
Tare Weight, lb	-	-	9	12	13	23	36	96	
			Carton, Qty, Ft		Reel, Qty, Ft				
Cable Size	Product Code	Cable Weight (lb/ft)	38"x38"x7"	46"x46"x9"	48"D x 18"W	48"D x 30"W	54"D x 30"W	58"D x 40"W	
5/8"	AR058J50 / 75	0.235 / .179	5-250	251-400	401-2000	2001-3000	3001-4500	-	
	AR058FX50 / 75	0.244 / .188	5-250	251-400	401-2000	2001-3000	3001-4500	-	
	AR058R50 / 75	0.315 / .259	5-250	251-400	401-2000	2001-3000	3001-4500	-	
7/8"	AR078J50 / 75	0.295 / .289	-	5-330	331-1100	1101-1800	1801-2400	2401-3000	
	AR078FX50 / 75	0.306 / .302	-	5-330	331-1100	1101-1800	1801-2400	2401-3000	
	AR078R50 / 75	0.400 / .395	-	5-330	331-1100	1101-1800	1801-2400	2401-3000	
Tare Weight, lb	-	-	9	12	75	143	165	332	
			Reel, Qty, Ft						
Cable Size	Product Code	Cable Weight (lb/ft)	62"D x 23"W	72"D x 23"W	72"D x 29"W	72"D x 42"W	76"D x 42"W	80"D x 42"W	
1-1/4"	AR114J50	0.531	100-650	651-1000	1001-1600	1601-2300	2301-3100	3101-3500	
	AR114FX50	0.548	100-650	651-1000	1001-1600	1601-2300	2301-3100	3101-3500	
	AR114R50	0.685	100-650	651-1000	1001-1600	1601-2300	2301-3100	3101-3500	
1-5/8"	AR158J50	0.675	100-400	401-750	751-1000	1001-1550	1551-1900	1901-2200	
	AR158FX50	0.793	100-400	401-750	751-1000	1001-1550	1551-1900	1901-2200	
	AR158R50	0.961	100-400	401-750	751-1000	1001-1550	1551-1900	1901-2200	
Tare Weight, lb	-	-	270	285	330	368	447	470	

**Special Conditions for Fire Retardant Jacket (FX, F, R type of jacket) for AirCell Transline & Radiating Cable**

Due to the complex manufacturing process of fully bonded air dielectric cable, Trilogy does not have standard length for in building cable with fire retardant jackets. Trilogy will fill customer orders with any combination of existing random length available. Thus, billed footage could vary up to +/- 10% with the total ordered quantity and +/- 20% per reel tolerance.

For any specific exact length requirement per reel (without 20% tolerance per reel), or minimum length per reel requirements, additional length Premiums will be charged as following:

10% premium charge: for exact length per reel or a minimum length is over 1,000 feet per reel for 1-1/4" and 1-5/8"

20% premium charge: for exact length per reel or a minimum length is over 1,500 feet per reel for 1-1/4" size and 1-5/8" (accepted maximum length is 2,000 feet).

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**AirCell® Shipping Information** (Revision 5/6/10)

**AirCell® Plenum Cable Weight/Length Per Pack - 50 & 75 Ohm**

			Carton, Qty, Ft		Reel, Qty, Ft				
			Custom Length	Standard Length			Bulk Length		
Cable Size	Product Code	Cable Weight (lb/ft)	38"x38"x7"	24"D x 12"W	24"D x 17"W	30"D x 15"W	33"D x 21"W	42"D x 30"W	
1/2"	AP012J50	0.129	5-500	400	700	1000	1201-2000	2001-5500	
	AP012J75	0.104	5-500	400	700	1000	1201-2000	2001-5500	
	APC012J50	0.190	5-500	400	700	1000	1201-2000	2001-5500	
	AQ012J50	0.122	5-500	400	700	1000	1201-2000	2001-5500	
	AQC012J50	0.170	5-500	400	700	1000	1201-2000	2001-5500	
	AP012U50	0.082	5-500	400	700	1000	1201-2000	2001-5500	
	AP6012J50	0.129	5-500	400	700	1000	1201-2000	2001-5500	
Tare Weight, lb	-	-	9	12	13	23	36	96	

AirCell Plenum cable orders are available in three different package criteria:

**Standard Package** is available in three various cable lengths per reel: 400 feet, 700 feet, and 1,000 feet.

**Bulk Reel** is available for over 1,000 feet per reel. Bulk Reels are for orders without specified cable length per reel, and cable will be supplied at random length based on availability.

When bulk quantities are ordered, the total shipped actual footage will be +/- 10% of the ordered quantity. Invoice will reflect the actual footage shipped.

**Custom Cut Lengths**

Any order that varies from the above Standard Length/Bulk Reel criteria will be considered as Custom Cut Length category. Special custom cut lengths per reel requirement could be requested with a special cut charge and a longer lead time. The special cut charge will be at 10% of cable cost with a minimum charge of \$50.00 per reel (whichever is higher). Less than 100 feet per length will be coiled and shipped in a cardboard box instead of on a reel.

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## Transportation

### **Receipt of Shipment**

*When the cable is delivered to the final destination, the receiver should perform an inspection for damage before unloading any reels. If no visual damage is detected, the receiver should proceed with unloading the reels.*

- If a dock is available, the cable may be unblocked and rolled from the truck onto the dock. The blocks can be easily removed with a crowbar or similar prying tool.
- Without a dock, a lift truck can be utilized to aid in the process. The reels should be turned sideways so the forks can straddle both flanges.  
**The cable must never be dropped off the back of the truck onto the ground or onto tires. The impact will cause damage to the cable.**
- For larger or heavier reels, a pipe should be inserted through the center of the reel and ropes attached to each side so the personnel inside the truck can guide and control the reel during the unloading process.
- Once the cable is on the ground, the reel should be rolled to the storage area with care to avoid objects that may cause damage to the reel and cable.

## Damage Reporting

*The procedure for receiving cable shipment is critical to the outcome of possible claims.*

- The customer should inspect each reel for signs of damage, as reels are unloaded from the truck.
- Any suspect reels should be separated from the others and unwrapped for closer inspection. If damage is found or suspected and the customer chooses to accept the shipment, the customer must note the damage or note that the material is “**subject to inspection**” on both his copy and the carrier’s copy of the delivery receipt. The customer should then immediately contact Trilogy, which will arrange for the carrier to send an inspector to complete a formal report.
- If the customer chooses to refuse a damaged product, they should immediately notify Trilogy to arrange for the amount to be returned.

## Cable Storage

*To properly store cable, certain procedures should be followed.*

- First, select a storage location, which minimizes the chance of damage.
- If cable is to be stored indoors and a fork truck is available, the reels can be stacked. Cable on 30" to 54" reels with a 26" transverse (reel width) can be stacked up to four reels high. When stacking reels, place four or more 2" X 4" blocks under each reel around the drum about 12" from the center. This will enable the fork truck to slide safely between the reels and will also prevent moisture from accumulating and thereby damaging the reel packaging. The stacks of reels can be placed in pairs of rows with access aisles between each pair. Identification tags or marks should be placed on each reel on the side facing an aisle.
- When a fork truck is not available or easy access is required, the cable reels **should not be stacked**. In these cases, roll the reels together end to end in pairs of rows. Care must be taken to ensure that the edges of each reel flange coincide. *Contact between the reel flange and the center portion of another reel may result in cable damage.* Identification tags or marks should be placed on the side of each reel facing the aisle.
- **Trilogy does not recommend that AirCell® plenum rated cables or AirCell® cables with fire retardant jackets be stored outside.**
- Cable stored in outside areas should be stored in a roofed area. Otherwise, cable must be covered with plastic, canvas, or other protective covering.
- The storage area should be well drained to avoid deterioration of the reels or packing materials.
- When storing new or partial reels outdoors, the cable ends should always be capped.