

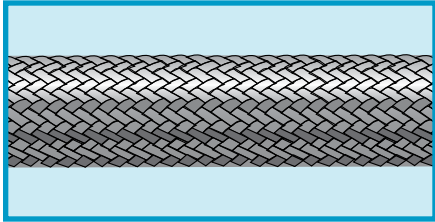
# FIT<sup>®</sup> Wire Management



# FIT® Wire Management

## Tinned Copper Braid

### Flat, Oval



**AA-59569A (as indicated)**

**Color**

- Silver

**Material**

- Tinned copper braid

**Availability**

See table

Spools may contain multiple lengths

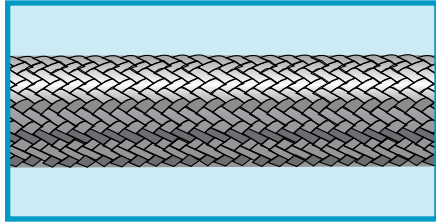
Part No.	Flat Width, Nom.		Thickness, Nom.		Braid Construction			AWG Equivalent, Approx.	CMA, Nom.	Current-Carrying Capacity	Standard Put-Ups	
	Inch	mm	Inch	mm	AWG of Individ. Ends	Carriers	No. of Individ. Ends				Amps	Ft
1221*	0.025	0.64	0.015	0.38	36	8	8	27	200	4	100, 500, 1000	30.5, 152, 305
1222*	0.032	0.81	0.020	0.50	36	16	16	24	400	6	100, 500, 1000	30.5, 152, 305
1223	0.047	1.19	0.020	0.50	36	24	24	22	600	7	100, 500, 1000	30.5, 152, 305
1224*	0.094	2.39	0.020	0.50	36	16	48	19	1200	11	100, 500, 1000	30.5, 152, 305
1229	0.125	3.18	0.020	0.50	36	24	72	18	1800	16	100, 500, 1000	30.5, 152, 305
1230	0.187	4.75	0.020	0.50	36	24	120	15	3000	25	100, 500, 1000	30.5, 152, 305
1231	0.250	6.35	0.030	0.76	36	24	168	14	4200	32	100, 500, 1000	30.5, 152, 305
1232*	0.385	9.78	0.030	0.76	36	48	288	12	7200	46	100, 500, 1000	30.5, 152, 305
1233/2*	0.500	12.70	0.030	0.76	36	48	384	10	9600	53	100, 500, 1000	30.5, 152, 305
1233	0.625	15.88	0.030	0.76	36	48	384	10	9600	53	100, 500, 1000	30.5, 152, 305
1234	0.750	19.05	0.040	1.02	36	48	864	7	20,800	85	100, 500, 1000	30.5, 152, 305
1235*	1.000	25.40	0.045	1.14	36	48	864	7	20,800	85	100, 500, 1000	30.5, 152, 305
1239	1.375	34.93	0.050	1.27	30	48	336	5	33,700	100	100, 500, 1000	30.5, 152, 305
1240	1.500	38.10	0.060	1.52	30	48	528	3	53,064	150	100	30.5
1241*	1.750	44.45	0.080	2.03	30	48	1248	2/0	125,424	280	100	30.5
1242*	2.000	50.80	0.120	3.05	30	48	1436	3/0	154,368	310	100	30.5
1242/4*	3.000	76.20	0.200	5.08	30	48	2256	4/0	225,000	390	100	30.5

\*Not A-A-59569A.



# FIT® Wire Wire Management

## Tinned Copper Braid Flat, Oval



**A-A-59551 (as indicated)**

**Color**

- Silver

**Material**

- Tinned copper braid

**Availability**

See table

Spools may contain multiple lengths

Part No.	Inside Diameter, Nom.		Braid Construction			AWG Equivalent, Approx.	CMA, Nom.	Current-Carrying Capacity	Standard Put-Ups	
	Inch	mm	AWG of Individ. Ends	Carriers	No. of Individ. Ends				Amps	Ft
<b>2132</b>	1/16	1.59	34	16	32	19	1192	11	100, 500, 1000	30.5, 152, 305
<b>2138</b>	11/64	4.37	34	24	120	14	4770	32	100, 500, 1000	30.5, 152, 305
<b>2140*</b>	3/16	4.76	34	24	144	13	5724	38	100, 500	30.5, 152
<b>2142*</b>	1/4	6.35	34	24	168	12	6678	41	100, 500	30.5, 152
<b>2144*</b>	3/8	9.53	34	24	192	11	7632	46	100, 500,	30.5, 152
<b>2146</b>	1/2	12.70	34	48	336	9	13,356	62	100	30.5
<b>2148*</b>	5/8	15.88	34	48	384	8	14,264	64	100	30.5
<b>2150*</b>	11/16	17.46	34	48	480	7	19,080	81	100	30.5
<b>2152</b>	25/32	19.84	34	48	528	7	20,988	85	100	30.5

\*Not A-A-59551.

## Bare Copper Braid Flat

**Material**

- Bare copper braid

**Availability**

See table

Spools may contain multiple lengths

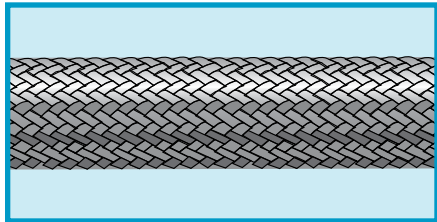
Part No.	Dimensions, Nom.		Braid Construction			CMA, Nom.	Current-Carrying Capacity	Standard Put-Ups	
	Inch	mm	AWG of Individ. Ends	Carriers	No. of Individ. Ends			Amps	Ft
<b>95106</b>	0.062 x 0.016	1.57 x 0.41	20	16	96	949	10.2	100, 500, 1000	30.5, 152, 305
<b>95079</b>	0.250 x 0.030	6.35 x 0.76	14	27	168	4200	27.9	100, 500, 1000	30.5, 152, 305



# FIT® Wire Wire Management

## Tinned Copper Braid

### Tubular



**A-A-59569**

**Color**

- Silver

**Material**

- Tinned copper braid

**Availability**

See tables

Spools may contain multiple lengths

**Tinned Copper**

Part No.	Inside Diameter, Nom.		Braid Construction			AWG Equivalent, Approx.	CMA, Nom.	Current-Carrying Capacity	Standard Put-Ups	
	Inch	mm	AWG of Indiv. Ends	Carriers	No. of Indiv. Ends				Amps	Ft
2160	0.031	0.79	36	24	24	22	600	7	100, 250	30.6, 76
2162	0.062	1.57	36	24	48	19	1200	11	100, 250	30.6, 76
2163	0.078	1.98	36	24	72	18	1800	16	100, 250	30.6, 76
2164	0.109	2.77	36	24	96	16	2400	19	100, 250	30.6, 76
2166	0.125	3.18	36	24	120	15	3000	25	100, 250	30.6, 76
2167	0.156	3.96	36	24	240	12	6000	40	100, 250	30.6, 76
2168	0.171	4.34	36	24	168	14	4200	32	100, 250	30.6, 76
2170	0.203	5.16	34	24	192	11	7630	46	100	30.5
2171	0.250	6.35	36	24	384	10	9600	53	100	30.5
2171/1	0.281	7.14	30	24	120	9	12,060	60	100	30.5
2172	0.375	9.53	36	48	384	10	9600	53	100	30.5
2173	0.437	11.10	30	24	240	6	24,120	90	100	30.5
2174	0.500	12.70	36	48	528	9	13,200	62	100	30.5
2175	0.462	11.73	30	48	480	3	48,240	145	100	30.5
2175/1	0.656	16.66	30	48	768	1	77,180	190	100	30.5
2176	0.781	19.84	36	48	864	7	21,600	88	100	30.5

**Extra-Large Tinned Copper**

Part No.	Inside Diameter, Nom.		Braid Construction			AWG Equivalent, Approx.	CMA, Nom.	Current-Carrying Capacity	Standard Put-Ups	
	Inch	mm	AWG of Indiv. Ends	Carriers	No. of Indiv. Ends				Amps	Ft
2177	0.875	22.23	30	48	336	5	33,700	100	100	30.5
2178	1.000	25.40	30	48	384	4	38,600	120	100	30.5
2179	1.125	28.58	30	48	432	4	43,330	130	100	30.5
2180*	1.250	31.75	30	48	480	3	48,150	145	100	30.5
2181	1.375	34.93	30	48	528	3	53,000	150	100	30.5
2182	1.500	38.10	30	48	576	2	57,775	165	100	30.5

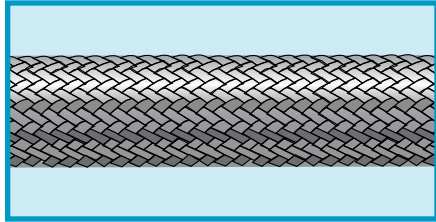
\*Not A-A-59569.



# FIT® Wire Wire Management

## Silver-Plated Copper Braid

### Tubular



**A-A-59569**

**Color**

- Silver

**Material**

- Silver-plated copper braid

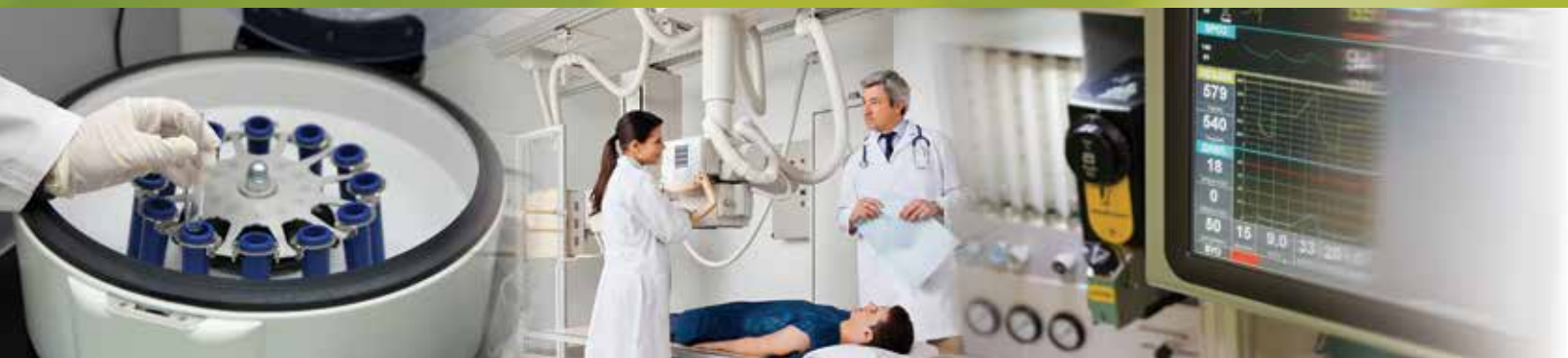
**Availability**

See table

Spools may contain multiple lengths

**Silver-Plated**

Part No.	Inside Diameter, Nom.		Braid Construction			AWG Equivalent, Approx.	CMA, Nom.	Current-Carrying Capacity	Standard Put-Ups	
	Inch	mm	AWG of Indiv. Ends	Carriers	No. of Indiv. Ends				Amps	Ft
<b>2191</b>	1/16	1.59	36	24	48	19	1200	11	100	30.5
<b>2193</b>	7/64	2.78	36	24	96	16	2400	19	100	30.5
<b>2194</b>	1/8	3.18	36	24	120	15	3000	25	100	30.5
<b>2195</b>	5/32	3.97	36	24	240	12	6000	40	100	30.5
<b>2196</b>	11/64	4.37	36	24	168	14	4200	32	100	30.5
<b>2197</b>	13/64	5.16	34	24	192	11	7640	46	100	30.5
<b>2198</b>	1/4	6.35	36	24	384	10	9600	53	100	30.5



Enhance any application aesthetically, electrically, and mechanically with brass braid that combines good looks with physical and EMI protection

**W**ith a look that lends itself to high-end projects, FIT brass braid is an attractive alternative to standard copper braid. It provides excellent EMI protection and generous expansion for flexibility during installation. It is ideal for medical, food + beverage, and semiconductor applications because it continuously reduces bacterial contamination, achieving 99.9% reduction within two hours of exposure.

- RoHS compliant
- Attractive brass finish gives high-end look
- Tubular shape for easy installation and termination
- Four sizes from 1/8 inch diameter to 1/2 inch
- Excellent EMI protection
- Can be used as a low-resistance ground strap
- Corrosion, salt water, abrasion, and cut-through resistant
- Brass material is an EPA-registered antimicrobial and germicidal copper alloy\*

\* P. Quigley, "Considering Copper," *ASTM Standardization News*, **38** (5), 37-41 (2010).

# FIT® Brass Braid

The Newest Addition to Our Portfolio of Wire Management Products

Part No.	Nominal Diameter	Wall Thickness	Expansion Range	Standard Putups
2155	1/8"	.015"	1/8" to 1/4"	250 Ft
2156	1/4"	.027"	1/4" to 3/8"	100 Ft
2157	3/8"	.015"	3/8" to 3/4"	100 Ft
2158	1/2"	.020"	1/2" to 1"	100 Ft

## For Medical Device Applications, Try Our Portfolio of Products Medical Sterilization and Biocompatibility Guidance

	Sterilization Suitability (Moderate Exposure Cycles)				
	Electron Beam	Gamma	Ethylene Oxide	STERRAD*	ISO 10993-5 Cytotoxicity
<b>Xtra-Guard 1:</b> High-Performance Premium-Grade PVC Cable	✓	✓	✓	✓	✓
<b>Xtra-Guard 2:</b> Oil- and Abrasion-Resistant Cable	✓	✓	✓	✓	✓
<b>Xtra-Guard 3:</b> Water-Resistant Direct Burial Cable	✓	✓	✓	✓	✓
<b>Xtra-Guard 4:</b> Advanced Temperature and Chemical Performance			✓	✓	✓
<b>Xtra-Guard 5:</b> Maximum Temperature and Chemical Performance			✓	✓	✓
<b>Xtra-Guard Flex 65000 Series:</b> Light-to-Moderate Flex Applications	✓	✓	✓	✓	✓
<b>Xtra-Guard Flex 86000 Series:</b> Up to 6 Million Flex Life Cycles	✓	✓	✓	✓	✓
<b>Xtra-Guard Industrial Ethernet:</b> Cat 5e Industrial Ethernet Cable	✓*	✓*	✓	✓	✓
<b>EcoCable:</b> 600 V Recyclable Control Cable			✓	✓	✓
<b>EcoFlex:</b> Rated for Over 1 Million Flex Cycles	✓	✓	✓	✓	✓
<b>EcoCable Mini:</b> Smaller, Lighter 300 V Recyclable Cable	✓	✓	✓	✓	✓
<b>Silicone Hook-Up Wire (39xxxx):</b> Excellent Radiation, Corona, and Ozone Resistance			✓	✓	✓
<b>PVC Hook-Up Wire (30xx):</b> Abrasion- and Flame-Resistant Wire	✓	✓	✓	✓	✓

\*XGIE with PP insulation only

See all of our FIT wire management sleeving and copper braid: [www.alphawire.com/FIT](http://www.alphawire.com/FIT)



Tinned Copper Braid



Tinned Copper Braid



Zip Grip



PIF 130



PIF 240



LSZH Spiral Wrap

