

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	UPDATED	04/07/2024	J. LEE

CONSTRUCTION DETAILS

PART No.	NOMINAL ID		REFERENCE BUNDLE DIAMETER				WEIGHT		DIFFERENCE (LBS PER 1,000 FT)		WEIGHT SAVINGS
	INCHES	mm	FROM		TO		LBS. / MFT	(Kg. / km)	BRAIDLITE	QQ-B-575 (A-A-59569)	
			INCHES	mm	INCHES	mm					
SL188	0.188	4.78	0.11	2.79	0.23	5.84	8.0	11.9	8	22	64%
SL250	0.250	6.35	0.14	3.56	0.32	8.13	9.6	14.29	10	38	74%
SL375	0.375	9.53	0.27	6.86	0.41	10.41	15.8	23.51	16	40	60%
SL500	0.500	12.70	0.39	9.91	0.57	14.48	21.0	31.25	21	53	60%
SL750	0.750	19.05	0.51	12.95	0.81	20.57	30.9	45.98	31	79	61%
SL1000	1.000	25.40	0.77	19.56	1.12	28.45	41.2	61.31	41	140	71%
SL1250	1.250	31.75	0.92	23.37	1.33	33.78	42.0	62.50	42	168	75%
SL1500	1.500	38.10	1.15	29.21	1.60	40.64	56.9	84.67	57	200	72%
SL1750	1.750	44.45	1.24	31.50	1.84	46.74	59.0	87.80	59	230	74%
SL2000	2.000	50.80	1.30	33.02	2.14	54.36	60.0	89.29	60	250	76%

MATERIAL DESCRIPTION: Nickel Plated Spacealloy

EMI/RFI SHIELD EFFECTIVENESS:

- 95% COVERAGE
- CONDUCTIVITY: 90%
- COVERS WIDE FREQUENCY RANGE 100 KHz to 2.5 GHz

REDUCED WEIGHT:

- WEIGHT SAVINGS OF MORE THAN 50% COMPARED TO A-A-59569 (QQ-B-575) BRAID

TEMPERATURE: -65°C to 260°C

TENSILE STRENGTH:

- 70,000 KSI MINIMUM
- BREAK STRENGTH MORE THAN 2X OF COPPER
- ELONGATION: 8% MINIMUM



Salt Spray Test (per ASTM B 117): Pass

Flex Test (Method: 1,000 cycles minimum) (SAE AS4373 method 704, 180-degree bend): Pass

Packaging: Bulk spools or cut to length

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	APPROVED BY J. LEE	DATE 01/07/2021	
	APPROVED BY N/A	DATE N/A	
DESCRIPTION BRAIDLITE, LIGHTWT BRAID, NICKEL PLT			REV E
SIZE A	CAGE CODE 01CV1	DWG NO. SL-XXXX	
SCALE NONE	WT N/A	SHEET 1 OF 1	