



Polyurethane Twisted Litz Wire / Enamelled Copper Cable Heavy Size 0.079x20

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: PEWSC
- Certification: ROHS
- Model Number: UEFN/U 155°C Heavy Size 0.079x20
- Minimum Order Quantity: The MOQ varies according to the size of the specification
- Price: Copper price plus processing fee plus freight
- Packaging Details: Box
- Delivery Time: 3-5 work days
- Payment Terms: T/T 100% payment before shipment
- Supply Ability: Delivery 10-15 days after next order



Product Specification

- Product Name: UEFN/U 155°C Heavy Size 0.079x20
- Conductor Material: Copper
- Appearance: The Wire Surface Smooth & Tincture Same
- Twisted Pitch: Calculate The Twist Pitch.
- Twist Direction: In Normal Conditions Of Twisted Direction Is Clockwise.
- Resistance To Cut Though: Not Less Than 200°C And 2 Min Single Wire
- Flexibility & Adherence: No Visible Cracks Appear On The Film Coating When Using 15 Times Magnifier. Single Wire
- Solderability: Solder Shall Adhere To The Conductor Uniformly
- Samples: Free
- Dimension: The Size Shall Be As Given In Table Single Wire; Twisted Wire diameter Will Be Subject To The Theoretical Calculation.
- Size: 0.079x20



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Product Description

Polyurethane Enamelled Copper Twisted Wire UEFN/U 155°C Heavy Size 0.079x20

3.Test methods :

3.1 Appearance :Visual inspection

3.2 Dimension : Comply with No. 3.2.1.1 of NEMA MW1000 part 3 test.3.

3Pinhole :Comply with JSC 3216-5(length of sample is 6 meters).

3.4 Flexibility :Single wire comply with No. 3.3.1 of NEMA MW1000 part 3 test.

3.5.Adherence:Single wire comply with No, 3.3.1 of NEMA MW1000 part 3 test.

3.6 Resistance to abrasion : Single wire comply with No. 3.59 of NEMA MW1000 part 3 test.

3.7 Dielectric breakdown voltage : Comply with JISC3216-5 test, Next table of hook no and twisted number (twisted wire).



Conductor diameter(mm)	Hook no(g)	Length 12cm of twist number
0.079	10	30

3.8. Resistance to Cut through test : Single wire comply with No. 3.50 of MW 1000 part 3 test Not less than 200°C. So next table of exert weight :

Conductor diameter(mm)	Exert weigh(g)
0.079~0.114	150

3.9 Resistance to heat shock test : Single wire comply with No.3.5 of MW1000 test: Above with 1.2mm specification comply with IEC60317-20.

Conductor diameter(mm)	Elongation or diameter of winding mandrel
0.051~0.320	20% 3d

3.10. Resistance to solvent test : Comply with JISC 3216-4 test.

3.11. Solderability: Single wire comply with No.3.13 of NEMA MW1000 part 3 test. So next table of dipping time :

Conductor diameter (mm)	Covered with continuous film of solder after immersion as follows
0.051~0.114	4 seconds at 390°C

JIS---0												Unit mm
Diameter of Conductor	Conductor Control Benchmarks		OD Control Benchmarks		Specification Boundaries		Conduct or Resistance 20°C (Ω/KM)	Insulation breakdown voltage (v)	Min Elongation (%)		Max. Springiness (°)	Resistance to abrasion
	Lower Limit	Upper Limit	Lower Limit	Max. diameter	Min. Increase in Diameter (mm)	Max. Finished overall Diameter (mm)			J A I W S G			Min. Abrasion range
0.06±0.003	0.059	0.061	0.093	0.103	0.030	0.110	6966	2500	1105	--	--	--
0.07±0.003	0.069	0.071	0.103	0.113	0.030	0.120	4990	2500	1107	--	--	--
0.08±0.003	0.079	0.081	0.112	0.125	0.032	0.133	3778	3000	1107	--	--	--
0.09±0.003	0.089	0.091	0.123	0.135	0.032	0.143	2959	3000	1108	--	--	--
0.10±0.008	0.098	0.101	0.134	0.144	0.032	0.156	2647	3500	1159	--	--	--
0.11±0.008	0.108	0.111	0.144	0.154	0.032	0.166	2153	3500	1159	--	--	--
0.12±0.008	0.118	0.121	0.156	0.166	0.034	0.180	1786	3750	1250	--	--	--
0.13±0.008	0.128	0.131	0.167	0.176	0.034	0.190	1505	3750	1250	--	--	--
0.14±0.008	0.138	0.141	0.178	0.186	0.034	0.200	1286	3750	1251	--	--	--
0.15±0.008	0.148	0.151	0.189	0.196	0.034	0.210	1111	3750	1251	--	--	--

1.80±0.030	1.792	1.803	1.889 901	1.913	0.084	1.956	7.007	6300	23 54	--	11 53 33 00
1.90±0.030	1.892	1.903	1.993 005	2.017	0.088	2.062	6.278	6300	23 54	--	11 63 33 00
2.00±0.030	1.992	2.003	2.093 005	2.117	0.088	2.162	5.656	6300	33 04	--	11 63 33 00
2.10±0.030	2.090	2.104	2.195 208	2.221	0.090	2.266	5.123	6300	33 04	--	11 64 33 00
2.20±0.030	2.19	2.204	2.293 710	2.323	0.092	2.368	4.662	6300	33 05	--	11 74 33 00
2.30±0.030	2.29	2.304	2.394 710	2.423	0.092	2.468	4.260	6300	33 05	--	11 74 33 00
2.40±0.030	2.390	2.404	2.501 515	2.529	0.096	2.574	3.908	6300	33 05	--	11 85 43 00
2.50±0.030	2.490	2.504	2.603 617	2.631	0.098	2.678	3.598	6300	33 05	--	11 85 43 00
2.60±0.030	2.590	2.604	2.703 717	2.731	0.098	2.778	3.324	6300	33 05	--	11 85 43 00
2.70±0.030	2.690	2.704	2.803 817	2.831	0.098	2.878	3.079	6300	33 05	--	---
2.80±0.030	2.790	2.804	2.903 917	2.931	0.098	2.978	2.861	6300	33 06	--	---
2.90±0.030	2.890	2.904	3.003 017	3.031	0.098	3.078	2.665	6300	33 06	--	---
3.00±0.030	2.99	3.004	3.103 117	3.131	0.098	3.178	2.489	6300	33 06	--	---
3.20±0.030	3.19	3.204	3.303 319	3.335	0.098	3.388	2.198	6300	33 06	--	---



Pacific Electric Wire & Cable (Shenzhen) Co., Ltd.



13265485132



sales09@pewsc.com



enamel-wire.com

No.9 Jin Long 4 Road Bao long Industrail Estate Longgang,Shenzhen, China