

Rubadue

REINFORCED ISOLATION FEP Teflon®

Part Number: TXXAXXFXXX-2

- Rated to Class F, 155° C, Capable of 205C
- Excellent *Dielectric*, and *Chemical Resistant* Properties.
- RoHS compliant

Specifications:

Core Wire:	Single End and Multifilar Tin Plated Copper
Size Range:	16 AWG to 40 AWG
Insulation:	DuPont FEP Teflon®
Insulation Thickness:	.002” per layer
Temperature Rating:	155° C
Voltage Rating:	600 volts
Tensile Strength:	3,000 psi
Dielectric Strength:	IEC 60851 for 60950, 3rd Edition, Twisted Pair.
Breakdown over 8Kv	
Tolerances	24-18 AWG +/- .0015” 25-40 AWG +/- .001”



Certifications:

System Approval UL 1446 RXT-1 Class B	<u>IEC 60950-1 Annex U</u>
System Approval UL 1446 RXT-1 Class F	VDE License # 6715 with CB Report
System Approval UL 1446 RXT-1 Class H	UL/CSA 60950-1 Annex U file # E206198 as OBJT2
Can be Dual rated as AWM	CSA 950-95 Annex U File LL848686-8

AWG	Core (in)	O.D (in)	Wt (lbs/kft)
16	0.0508	0.063	7.23
16 7/24	0.06	0.072	9.19
16 19/29	0.0539	0.066	8.57
17	0.0453	0.057	7.13
18	0.0403	0.052	5.75
18 7/26	0.049	0.061	5.99
18 19/30	0.0476	0.060	6.83
19	0.0359	0.048	4.65
20	0.032	0.044	3.78
20 7/28	0.039	0.051	4
20 19/32	0.0385	0.0505	4.55
21	0.0285	0.0405	3.08
22	0.0254	0.037	2.50
22 7/30	0.03	0.042	2.63
22 19/34	0.0295	0.042	2.97
23	0.0226	0.035	2.06
24	0.0201	0.032	1.69
24 7/32	0.024	0.036	1.79
24 19/36	0.0242	0.036	2.01
25	0.0179	0.030	1.40
26	0.0159	0.028	1.16

AWG	Core (in)	O.D (in)	Wt (lbs/kft)
26 7/34	0.02	0.032	1.25
26 19/38	0.022	0.034	1.41
27	0.0142	0.026	0.97
28	0.0126	0.0246	0.82
28 7/36	0.015	0.027	0.87
28 19/40	0.0152	0.027	0.95
29	0.0113	0.023	0.70
30	0.010	0.022	0.59
30 7/38	0.012	0.024	0.66
30 19/42	0.012	0.024	0.73
31	0.0089	0.021	0.51
32	0.008	0.02	0.45
32 7/40	0.0093	0.0213	0.48
33	0.0071	0.019	0.39
34	0.0063	0.0183	0.34
35	0.0055	0.0175	0.30
36	0.005	0.017	0.27
37	0.0045	0.0165	0.25
38	0.004	0.016	0.23
39	0.0035	0.0155	0.21
40	0.0031	0.015	0.19