

Rubadue

SUPPLEMENTAL ISOLATION

Part Number: TCA2 XX

- Rated to Class F, 155° C
- Excellent *Dielectric, Mechanical, and Chemical Resistant* Properties.
- RoHS compliant
- Great for Telecom applications

Specifications:

Core Wire:	Single End T in Plated Copper
Size Range:	18 AWG to 40 AWG
Insulation:	Modified ETFE
Insulation Thickness:	.0015”/.00125”* per layer – 2 layer construction
Temperature Rating:	155° C
Voltage Rating:	600 volts
Tensile Strength:	6,500 psi
Dielectric Strength:	IEC 60851 for 60950-1, T twisted Pair
Breakdown	Approv 7kv
Solderability	380° C with flux
Tolerances	18-24 AWG +/- .0015 24-40 AWG +/- .001



Certifications:

VDE: Class F Supplementary Insulation IEC 60950-1, Annex U
 UL Classification, OBJT2 for UL 60950-1, UL 2601

AWG	Core (in)	Core MM	O.D (in)	O.D. (mm)	*Wt (lbs/kft)
18	0.0403	1.02	0.0463	1.176	5.23
19	0.0359	.912	0.0419	1.064	4.18
20	0.032	.813	0.038	0.965	3.35
21	0.0285	.724	0.0345	0.876	2.69
22	0.0254	.643	0.0314	0.798	2.14
23	0.0226	.574	0.0286	0.726	1.73
24	0.0201	.511	0.0261	0.663	1.39
25	0.0179	.455	0.0239	0.607	1.12
26	0.0159	.404	0.0219	0.556	0.90
27	0.0142	.361	0.0202	0.513	0.73
28	0.0126	.321	0.0186	0.472	0.59
29	0.0113	.287	0.0173	0.439	0.49

AWG	Core (in)	Core MM	O.D (in)	O.D. (mm)	*Wt (lbs/kft)
30	0.010	.254	0.016	0.406	0.40
31	0.0089	.226	0.0149	0.378	0.33
32	0.008	.203	0.014	0.356	0.27
33	0.0071	.180	0.0121	0.307	0.21
34	0.0063	.160	0.0113	0.287	0.17
35	0.0055	.142	0.0105	0.267	0.14
36	0.005	.127	0.01	0.254	0.12
37	0.0045	.114	0.0095	0.241	0.10
38	0.004	.102	0.009	0.229	0.087
39	0.0035	.089	0.0085	0.216	0.073
40	0.0031	.079	0.0081	0.206	0.063

*Weights given are for shipping purposes only.