

# Rubadue

## SUPPLEMENTAL ISOLATION PFA Teflon ®

Part Number: DXXAXXPXX-1.5

- Excellent Dielectric, Mechanical, and Chemical Resistant Properties.
- RoHS compliant
- Can be used in conjunction with a basic isolation to meet Reinforced insulation requirements
- Great for increased temperatures required for lead free Reflow processes.



### Specifications:

Core Wire:	Single End and Multifilar Tinned Copper
Size Range:	28 AWG to 40 AWG
Insulation:	DuPont PFA Teflon ®
Insulation Thickness:	.0015” per layer
Temperature Rating:	180C Min
Voltage Rating:	600 volts
Tensile Strength:	3,500 psi
Dielectric Strength:	IEC 60851 for 60950-1, Twisted Pair
Breakdown	Approx 6kv
Tolerances	28-40 AWG +/- .001”



### Certifications:

UL Classification, OBJT2 for  
UL 60950-1 File #E206198

AWG	Core (in)	O.D (in)	*Wt (lbs/kft)
28	0.0126	0.0186	0.62
28 7/36	0.015	0.021	0.65
28 19/40	0.0152	0.0212	0.73
29	0.0113	0.0173	0.52
30	0.010	0.016	0.42
30 7/38	0.012	0.0177	0.48
30 19/42	0.012	0.018	0.54
31	0.0089	0.0149	0.35
32	0.008	0.014	0.29
32 7/40	0.0093	0.0153	0.32
33	0.0071	0.0121	0.24
34	0.0063	0.0113	0.20
35	0.0055	0.0105	0.17
36	0.005	0.01	0.15
37	0.0045	0.0095	0.13
38	0.004	0.009	0.11
39	0.0035	0.0085	0.096
40	0.0031	0.0081	0.084