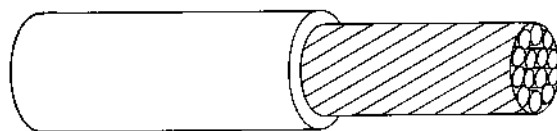## 1431 (0.030 in. Wall, 600 V)

Product Description
Irradiated PVC
Stranded and solid conductor
UL AWM
CSA REW

Applications
Internal wiring of computers, test equipment, and other office and control equipment.

Specifications
– CONDUCTOR: Tinned copper
– INSULATION: Polyvinyl Chloride (PVC) (irradiated)
– STANDARDS: Complies with MIL-Spec 16878/3, UL Recognized AWM Style 1431 per
   UL 758 requirements
– TEMPERATURE: -55°C to 105°C (UL 105°C)
– VOLTAGE: 600 V

All part numbers require color code designation. If conductor coating differs from standard part number add identifier after stranding (i.e., UL 1431-14/19 prebond light blue with white stripe = 1431-14/19P-L69). Diameters and weights may vary among manufacturers.

Part No.	Conductor AWG	Stranding No. x AWG	Conductor Nom. Dia.	Wire O.D.	Approx. Wt. lb./1,000 ft.
1431-24/7-XX	24	7x32	0.024	0.088	4.9
1431-24/19-XX	24	19x36	0.024	0.088	4.9
1431-22/7-XX	22	7x30	0.030	0.092	5.9
1431-22/19-XX	22	19x34	0.032	0.095	6.2
1431-20/7-XX	20	7x28	0.038	0.102	7.3
1431-18/7-XX	18	7x26	0.046	0.112	9.8
1431-18/19-XX	18	19x30	0.048	0.112	9.8
1431-16/19-XX	16	19x29	0.054	0.122	13.6
1431-16/26-XX	16	26x30	0.054	0.122	13.6
1431-14/19-XX	14	19x27	0.073	0.136	19.2
1431-14/41-XX	14	41x30	0.070	0.142	19.5
1431-12/19-XX	12	19x25	0.090	0.154	28.5
1431-12/65-XX	12	65x30	0.090	0.156	28.7
1431-10/37-XX	10	37x26	0.118	0.178	40.0
1431-10/105-XX	10	105x30	0.120	0.188	42.3
1431-6/133-XX	6	133x27	0.206	0.342	120.0
1431-8/133-XX	8	133x29	0.166	0.261	72.7

Insulation Color Code Chart

0..........black
1..........brown
2..........red
3..........orange
4..........yellow
5..........green
6..........blue
7..........violet/purple
8..........gray
9..........white
P..........pink
T..........tan
D..........dark (i.e. D6=dark blue)
L...........light (i.e. L6=light blue)

For white with black stripe - 90
For green with yellow stripe - 54
For white with a black and red stripe - 902
For white and black twisted conductor - 9/0
For white, black and red twisted conductors - 9/0/2