



PENETRATOR CONDUCTOR COLOR CODING:

BIRNS Penetrators are generally wired according to the following conductor color coding:

Conductor Number	Conductor Background (Base) Color	First Tracer (Stripe) Color	Second Tracer Color	Conductor Number	Conductor Base Color	First Tracer Color	Second Tracer Color
1	Black	---	---	31	Green	Black	Orange
2	White	---	---	32	Orange	Black	Green
3	Red (Green color when in 3-conductor cable.)	---	---	33	Blue	White	Orange
4	Green	---	---	34	Black	White	Orange
5	Orange	---	---	35	White	Red	Orange
6	Blue	---	---	36	Orange	White	Blue
7	White	Black	---	37	White	Red	Blue
8	Red	Black	---	38	Black	White	Green
9	Green	Black	---	39	White	Black	Green
10	Orange	Black	---	40	Red	White	Green
11	Blue	Black	---	41	Green	White	Blue
12	Black	White	---	42	Orange	Red	Green
13	Red	White	---	43	Blue	Red	Green
14	Green	White	---	44	White	White	Blue
15	Blue	White	---	45	White	Black	Blue
16	Black	Red	---	46	Red	White	Blue
17	White	Red	---	47	Green	Orange	Red
18	Orange	Red	---	48	Orange	Red	Blue
19	Blue	Red	---	49	Blue	Red	Orange
20	Red	Green	---	50	Black	Orange	Red
21	Orange	Green	---	51	White	Black	Orange
22	Black	White	Red	52	Red	Orange	Black
23	White	Black	Red	53	Green	Red	Blue
24	Red	Black	White	54	Orange	Black	Blue



25	Green	Black	White	55	Blue	Black	Orange
26	Orange	Black	White	56	Black	Orange	Green
27	Blue	Black	White	57	White	Orange	Green
28	Black	Red	Green	58	Red	Orange	Green
29	White	Red	Green	59	Green	Black	Blue
30	Red	Black	Green	60	Orange	Green	Blue

Rev. 090624

BIRNS Penetrators with neoprene (polychloroprene) cable jackets are rated to 80°C (176°F) (max.).
BIRNS Penetrators with CSPE cable jackets are rated to 95°C (203°F) (max.).