



**ADRF Amplifier Interface Drawing**



**Supplied Alarm  
Cable with  
Amplifier**

Pin Assignment	Alarm Type	Color	Name
A	Fire	Black	Donor Antenna Malfunction_P
B		Black	Donor Antenna Malfunction_N
C		Brown	Active RF Device Malfunction_P
D		Brown	Active RF Device Malfunction_N
E		Red	Low Battery Capacity(70%)_P
F		Red	Low Battery Capacity(70%)_N
G		Orange	System Component Malfunction_P
H		Orange	System Component Malfunction_N
J		Yellow	Normal AC Power_P
K		Yellow	Normal AC Power_N
L	System Monitoring	Green	Loss of Normal AC Power_P
M		Green	Loss of Normal AC Power_N
N		Blue	Battery Charger Failure_P
P		Blue	Battery Charger Failure_N
Q		Purple	Low Battery Capacity(70%)_P
R		Purple	Low Battery Capacity(70%)_N
S		Grey	Donor Antenna Malfunction_P
T		Grey	Donor Antenna Malfunction_N
U		White	Active RF Device Malfunction_P
V		White	Active RF Device Malfunction_N
W		Pink	System Component Malfunction_P
X		Pink	System Component Malfunction_N
Y		Light Blue	Alarm Input-1
Z		Light Blue	GND

