



Sierra Technology Corporation

Application Note - Teflon Cable Wiring Color Code

Custodian: Production	Part Name: DCR1-A Versions			
Date: April 24, 2009	Part No.: Teflon Cable Wiring Color Code			
Status: Final	Revision: 1.0			
Revision and ECO Incorporation Record				
Rev.	Date	ECO No.	By	Description

Scope: DCR1-A versions with Teflon jacketed cable and flying leads.

The following color code applies to the DCR1-Axx units with Teflon jacketed cable only the color code for the DCR1 units with other types of cable jackets are not effected and are noted here for reference only. The functions of the wiring has not changed, only the colors of the wire itself.

Teflon Cable ¹	Other Cable	Description	Internal Connection
Red	Red	Positive power 12 to 30 VDC	+
Black	Black	Negative side of power	-
Blue	Blue	Fire Relay In	Fire relay common
Orange	Orange	Fire Relay In	Fire relay NO
Red/Black	Brown	Fire Relay Out	Fire relay common
White/Black	Yellow	Fire Relay Out	Fire relay NO
White	White	Fault Relay	Fault relay Common
Green	Green	Fault Relay	Fault relay NC or NO
Orange/Black ²	Purple ²	RS485 A	"A"
Blue/Black ²	Grey ²	RS485 B	"B"

- 1) If present Green/Black and Blue/White are unused.
- 2) Only applies to the DCR1-AEx models. On other models wire colors are not present or unused.