• SeaNet Cables, Penetrators, and Accessories
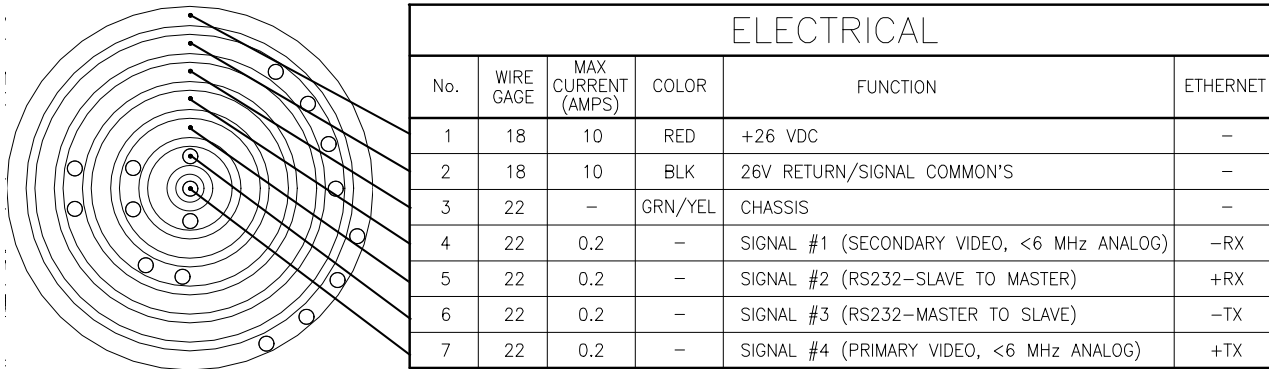

			ELECTRICAL			
No.	WIRE GAGE	MAX CURRENT (AMPS)	COLOR	FUNCTION		ETHERNET
1	18	10	RED	+26 VDC		–
2	18	10	BLK	26V RETURN/SIGNAL COMMON'S		–
3	22	–	GRN/YEL	CHASSIS		–
4	22	0.2	–	SIGNAL #1 (SECONDARY VIDEO, <6 MHz ANALOG)		–RX
5	22	0.2	–	SIGNAL #2 (RS232–SLAVE TO MASTER)		+RX
6	22	0.2	–	SIGNAL #3 (RS232–MASTER TO SLAVE)		–TX
7	22	0.2	–	SIGNAL #4 (PRIMARY VIDEO, <6 MHz ANALOG)		+TX

Figure 2   **SeaNet contact and conductor characteristics**

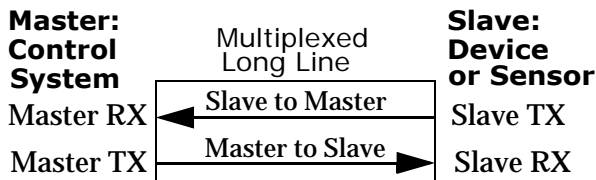Signal paths for the "SLAVE TO MASTER" and "MASTER TO SLAVE" conductor designations are illustrated in Figure 3.

Figure 3   **Master and slave designations in UHD control system**

1.7   Status Indicator LEDs

You can monitor SeaNet power and signal (signal/video) lines by using status indicator LEDs visible in one of the connector heads on every SeaNet cable (Figure 4).
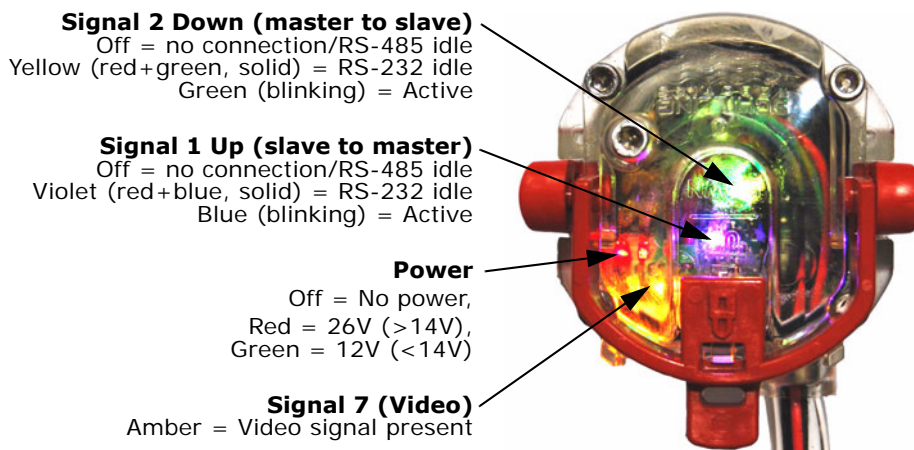

Signal 2 Down (master to slave)
Off = no connection/RS-485 idle
Yellow (red+green, solid) = RS-232 idle
Green (blinking) = Active

Signal 1 Up (slave to master)
Off = no connection/RS-485 idle
Violet (red+blue, solid) = RS-232 idle
Blue (blinking) = Active

Power
Off = No power,
Red = 26V (>14V),
Green = 12V (<14V)

Signal 7 (Video)
Amber = Video signal present

Figure 4   **Power and signal status indicator LEDs**

● All LEDS flash briefly as a self-test when the Node port is turned on.

● The spare signal line (4) has no status LED.