

# IRRITROL RAIN MASTER EV-CABLE SPECIFICATIONS

USAGE	PART NUMBER	CONDUCTORS	MAX. LENGTH
Hard Wire Comm Cable	EV-CAB-COM	2S	5000 ft
Short Haul Modem	EV-CAB-SH-COM	4S	5000 ft
Weather Center II	EV-CAB-WS12	12S	500 ft
Flow Sensor	EV-CAB-SEN	2S	2000 ft

S = Indicates shielded

## CABLE DESCRIPTION

PART NUMBER	DESCRIPTION
EV-CAB-COM	2 – 20 AWG, full braid shield, 100 Ohm impedance. One copper conductor and one silver tinned conductor, black jacket, direct burial shielded communication cable used for hardwire satellite serial link. Cable shall not exceed 5000 feet in length.
EV-CAB-SH-COM	4 – 18 AWG, foil shield w/drain, blue jacket, direct burial BLK, WHT, RED, GRN. Four conductor direct burial shielded communication cable used to interconnect a pair of short haul modems (EV-SH-MOD) between the central computer and first satellite in a hardwire serial connection. More than 100 feet in length but not more than 5000 feet in length.
EV-CAB-WS12	12 – 18 AWG, foil shield w/drain, black jacket, direct burial RED, BLUE, RED w/BLACK STRIPE, BROWN, BLUE w/BLACK STRIPE, ORANGE w/BLACK STRIPE, ORANGE, YELLOW, BLACK w/RED STRIPE, BLACK, YELLOW w/BLACK STRIPE, BROWN w/BLACK. Twelve conductor direct burial shielded cable used to connect a Weather Center II to an Evolution DX2 controller. Cable shall not exceed 500 feet in length.
EV-CAB-SEN	2 - 20 AWG foil shield w/drain, black jacket, direct burial BLK, WHT. Two conductor direct burial shielded cable used with all field sensor connections to satellites such as flow sensors and moisture sensors. Cable shall not exceed 2000 feet in length.

**ALL EV CABLE MUST BE CERTIFIED BY IRRITROL**