

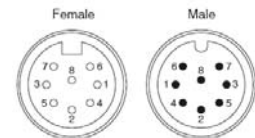
RET SYSTEMS FOR ELECTRICAL DOWNTILT ANTENNAS

POWER SUPPLY AND CONTROL CABLE



ELECTRICAL SPECIFICATIONS

Type No.	MC XXX
Connectors	2 x 8 pin circular connector according to 60130-9, Ed. 3.0 (in accordance with AISG 1.1), female/male
Construction	Screen 1 x twisted pair 100 Ω/1 MHz 24 AWG 2 x power supply, 1 x DC return 18 AWG
Temperature Range °C (F)	-40 °C to +80°C (- 40° to 176°) (fixed position)
Protection Class	IP 67 (connected)
Cable diameter mm (in)	8 (0.31)
Flammability	VL 1581 VW-1 CSA FT1
Minimum bending radius mm (in)	Single bending 7.5 (0.30) x D Multiple bending 15 (0.59) x D



Type No	Description	Length
MC001	Control Cable	1 m (39 in)
MC002	Control Cable	2 m (79 in)
MC003	Control Cable	3 m (118 in)
MC005	Control Cable	5 m (197 in)
MC010	Control Cable	10 m (394 in)
MC020	Control Cable	20 m (787 in)
MC025	Control Cable	25 m (984 in)
MC040	Control Cable	40 m (1575 in)
MC050	Control Cable	50 m (1968 in)
MC060	Control Cable	60 m (2362 in)
MC080	Control Cable	80 m (3150 in)
MC100	Control Cable	100 m (3937 in)

Pin assignment according to AISG

- 1 +13V DC (+12 V DC nominal)
- 2 Optional, not used
- 3 RS 485 B
- 4 RS 485 GND Optional, not used
- 5 RS 485 A
- 6 +29 VDC (+24 V DC nominal)
- 7 DC Return
- 8 Optional not used

- For indoor and outdoor

- Control Cable assembled with suitable connectors for Remote Electrical Tilt (RET) components