

RET-/AISG Kabel

The modern downtilt of the antennas can be controlled remotely in modern mobile radio networks. This allows the network operator to change the performance of his network without much effort.

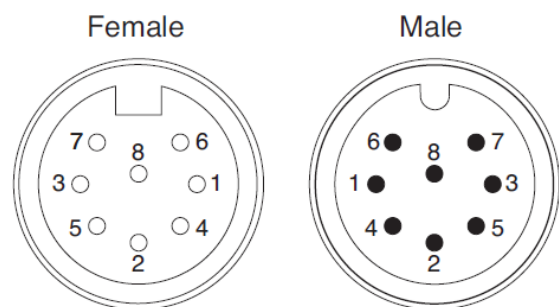
For these RET systems (Remote Electrical Tilt) we can offer you our cables in different lengths and variants (plug connections).

The Master Control Unit (MCU) is connected to the Remote Control Unit (RCU) with this RET cable. The versions depend on the system houses of the BTS or the antenna manufacturer. We offer the following variants of cables with AISG standard: (other variants on request)

8 polig male / female

connectors	2 x 8 pin female / male DIN EN 61076-2-106 UL, AISG C485 compliant
Construction	data pair 1x2x0,25mm² signal cores 3x0,75mm² (power supply + ground) data pair and signal cores stranded together around a central filler Global shield: aluminium/polyester (AL/PET) tape with overlap - AL surface outside tinned copper wire braid 85%
Tightening torque (fixing connector)	0,5 – max. < 1 Nm (by hand or special tool)
Rated current	4-5 A
Temperature range	Fixed -40°C to +80°C
Protection Class	IP67 connected
Cable diameter	7,7 mm (± 0,3 mm)
Jacket	PUR flame retardant and halogen free
Colour	Black
Bending radius	Single time 60mm, repeated 120mm
Ordering Code	RET 8f8m-xm

Contact Arrangement to AISG Standard



- | | |
|--------------------|-------------------|
| 1. +12V DC Nominal | 5. RS485A |
| 2. Spare | 6. +24 DC Nominal |
| 3. RS485 B | 7. DC return |
| 4. Spare | 8. Spare |



8 polig female / SUB-D 9 polig



connectors	1 x 8 pin female DIN EN 61076-2-106 UL, AISG C485 compliant 1 x SUB-D 9 pole water resistant
Construction	data pair 1x2x0,25mm² signal cores 3x0,75mm² (power supply + ground) data pair and signal cores stranded together around a central filler Global shield: aluminium/polyester (AL/PET) tape with overlap - AL surface outside tinned copper wire braid 85%
Tightening torque (fixing connector)	0,5 – max. < 1 Nm (by hand or special tool)
Rated current	4-5 A
Temperature range	Fixed -40°C to +80°C
Protection Class	IP67 connected
Cable diameter	7,7 mm (± 0,3 mm)
Jacket	PUR flame retardant and halogen free
Colour	Black
Bending radis	Single time 60mm, repeated 120mm
Ordering Code	AISG 8fD9-xm

Contact Arrangement

X1 (1-9 pins) D-SUB 9oin	X2 (1-8pins) AISG 8pin female	Wire/color	Pin Assignment
X1.1	X2.1	Twisted pair (bl/re)	+12V
X1.3	X2.3	Twisted pair (brown)	RS485B
X1.5	X2.5	Twisted pair (wihte)	RS485A
X1.4	X2.4	Black	RS485 GND
X1.9 on X1.4	-		
	X2.1 on X2.6		
	X2.4 on X2.7		

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