

# RRU AISG Multi-Wire Cable

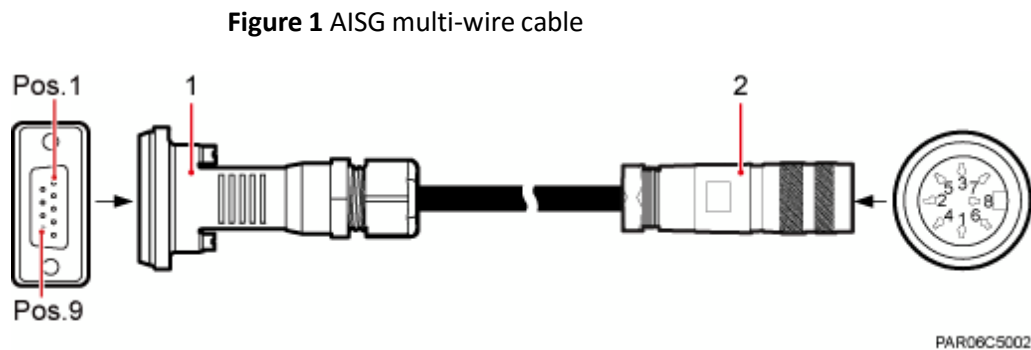
An RRU AISG multi-wire cable connects an RRU and an RCU to transmit control signals from a base station to an RET antenna.

When the RRU is connected to the RET antenna, an AISG multi-wire cable transmits RS485 signals.

## Exterior

An AISG multi-wire cable has a waterproofed DB9 male connector at one end and a standard

AISG female connector at the other end, as shown in [Figure 1](#).



1) Waterproofed DB9 male connector	(2) Standard AISG female connector
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## Pin Assignment

**Table 1** describes the pin assignment for the wires of an AISG multi-wire cable.

X1 End (Pin of the Waterproofed DB9 Male Connector)	X2 End (Pin of the standard AISG Female connector)	Color	Type	Description
X1.1	X2.1	White and Blue	Twisted Pair	+12V
		Blue		
X1.3	X2.3	White and Orange	Twisted Pair	RS485B
X1.5	X2.5	Orange		RS485A
X1.4	X2.4	White and Green	-	GND
X1.9 and X1.4 are interconnected.	-		-	GND
-	X2.1 and X2.6 are interconnected.		-	+12V
-	X2.4 and X2.7 are interconnected.		-	GND