

This cable is suitable for connecting the Kathrein UHF RFID new RRU 4000 and ARU 3000 reader family to each other.



> General specifications

Order No.		52010373
Type		R-BC3 10 ETH
Connector		2x M12 male connector, 8-pole, X-coded
Length	[m]	10
Outer diameter of the cable (shielded)	[mm]	6.4
Assembly at the cable head		2x M12 male connector (IP67)

> Usable with the following readers

RRU 4000 Reader Series	Order No.	Type
	52010287 + 52010295	RRU 4400 Reader Unit
	52010288 + 52010296	RRU 4500 Reader Unit
	52020289 + 52010297	RRU 4560 Reader Unit
	52020290 + 52010298	RRU 4570 Reader Unit
ARU 3000 Reader Series	Order No.	Type
	52010291 + 52010299	ARU 3400 Antenna Reader Unit
	52010292 + 52010300	ARU 3500 Antenna Reader Unit
	52010293 + 52010301	ARU 3560 Antenna Reader Unit
	52010294 + 52010302	ARU 3570 Antenna Reader Unit

> Remarks

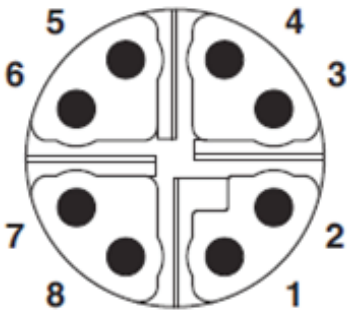
Accessories optional

- All accessories can be found at: <http://www.kathrein-solutions.com/products/hardware/accessories>

➤ **Drawings**

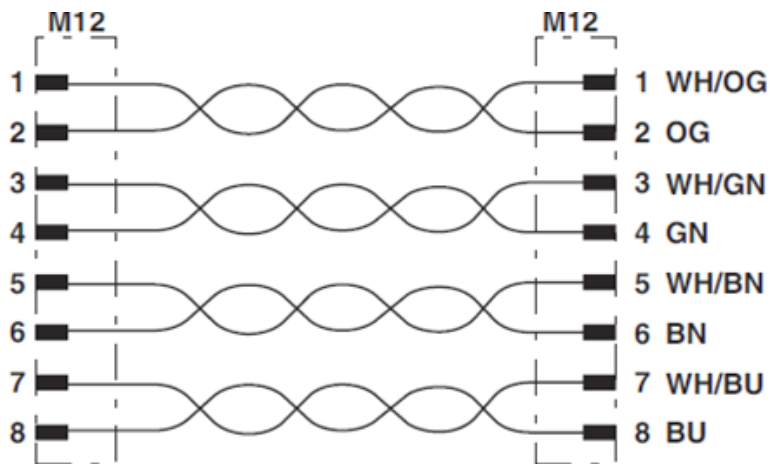
Schematic diagram

Pin assignment of M12 plug, 8-pole, x-coded, pin side view



Circuit diagram

Contact assignment of the M12



PIN allocation

	Pinout M12 X-coded	Signal
Pair1	1	TX+ / POE1
	2	TX- / POE1
Pair2	3	RX+ / POE2
	4	RX- / POE2
Pair3	5	POE1
	6	POE1
Pair4	7	POE2
	8	POE2