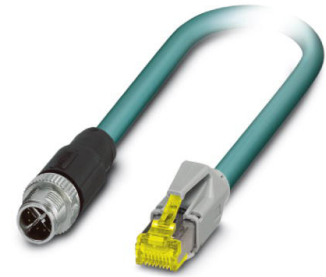


This cable is suitable for connecting the KATHREIN UHF RFID RRU 4000 and ARU 3000 reader series to an Ethernet infrastructure. It can also be used for Power over Ethernet (PoE+) operation.



> General Specifications

Order No.		52010360	52010361
Type		R-CC3-10-ETH	R-CC3-03-ETH
Length	[m]	10	3
Connector	[mm]	1 x M12 male connector, 8-pole, X-coded	
Other diameter of the cable (shielded)	[mm]	6.4	
Assembly at the cable head		1 x M12 male connector (IP 67), 1 x RJ45 (IP20)	

> Usable with the Following Readers

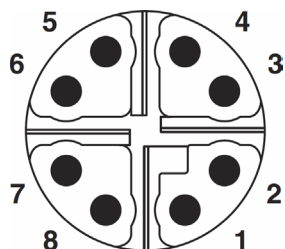
RRU 4000 Reader Series	Order No.	Type
	52010287 + 52010295	RRU 4400 Reader Unit
	52010288 + 52010296	RRU 4500 Reader Unit
	52020289 + 52010297	RRU 4560 Reader Unit
	52020290 + 52010298	RRU 4570 Reader Unit
ARU 3000 Reader Series	Order No.	Type
	52010291 + 52010299	ARU 3400 Reader Unit
	52010292 + 52010300	ARU 3500 Reader Unit
	52020292 + 52010301	ARU 3560 Reader Unit
	52020294 + 52010302	ARU 3570 Reader Unit

> Accessories, optional

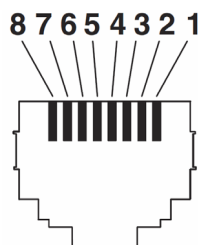
- For more information about accessories, go to <https://www.kathrein-solutions.com/products/hardware/accessories>.

> Drawings

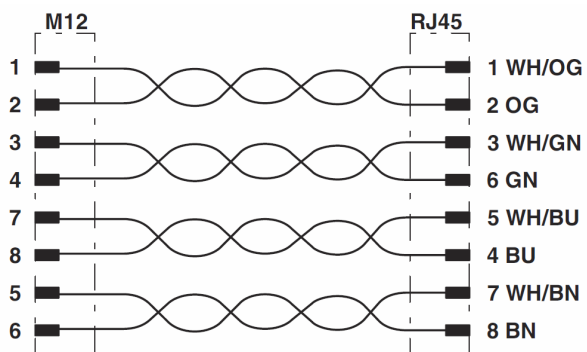
Schematic Diagram – M12 male connector, 8-pole, X-coded



Schematic Diagram – RJ45 connector, 8-pole



Circuit Diagram – Contact assignment of the M12 and RJ45 plug



Pin allocation

Pin	M12, X-coded	RJ45	Signal
Pair 1	1	1	TX+/POE1
	2	2	TX/POE1
Pair 2	3	3	RX+/POE2
	4	6	RX-/POE2
Pair 3	5	7	POE1
	6	8	POE1
Pair 4	7	5	POE2
	8	4	POE2