

The TNC cables allow easy installation of all Kathrein readers with TNCR connection and all Kathrein antennas with TNC socket. The cables enable a quick and easy connection. They meet the highest requirements for temperature and environmental conditions (e.g. IP 67). At the same time, they have very low attenuation for best system performance.

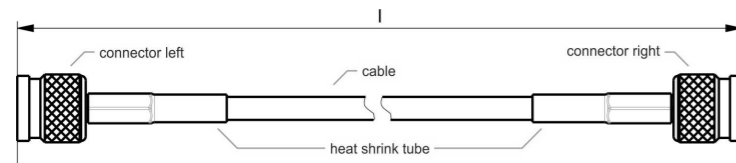


### > Antenna Cable General Specifications

Order number	Type	Connector, left	Connector, right	Cable	Cable Length	Attenuation
52010174	R-AC 3 TNC-TNCR	TNC plug (m)	TNCrev. plug (m)	LL 240 flex	3 m	1 dB
52010175	R-AC 6 TNC-TNCR	TNC plug (m)	TNCrev. plug (m)	LL 240 flex	6 m	2 dB
52010176	R-AC 10 TNC-TNCR	TNC plug (m)	TNCrev. plug (m)	LL 240 flex	10 m	3.3 dB
52010177	R-AC 15 TNC-TNCR	TNC plug (m)	TNCrev. plug (m)	LL 240 flex	15 m	5 dB

#### LL 240 flex cable

- cable type LowLoss 240 flex
- impedance 50 Ω
- screening effectiveness >85 dB
- jacket PE, black
- diameter: cable 5.4 ± 0.2 mm; connector 16.2 mm
- min. bend radius 35 mm (single bend)
- operating temperature range -40°C to +70°C
- IP65 (if screwed) degree of protection



Connecting Cable 52010174/52010175/52010176/52010177

### > Suitable Readers

Order number	Type	Region	used as
52010287	RRU4400 Reader Unit	ETSI	feeder cable
52010288	RRU4500 Reader Unit	ETSI	feeder cable
52010289	RRU4560 Reader Unit	ETSI	feeder cable
52010290	RRU4570 Reader Unit	ETSI	feeder cable
52010291	ARU3400 Antenna Reader Unit	ETSI	feeder cable
52010292	ARU3500 Antenna Reader Unit	ETSI	feeder cable
52010340	ARU8500 Antenna Reader Unit	ETSI	feeder cable
52010295	RRU4400 Reader Unit	FCC	feeder cable
52010296	RRU4500 Reader Unit	FCC	feeder cable
52010297	RRU4560 Reader Unit	FCC	feeder cable
52010298	RRU4570 Reader Unit	FCC	feeder cable
52010299	ARU3400 Antenna Reader Unit	FCC	feeder cable
52010300	ARU3500 Antenna Reader Unit	FCC	feeder cable
52010341	ARU8500 Antenna Reader Unit	FCC	feeder cable

The TNC-TNC right angle adaptor allow the easy installation of all Kathrein antennas with TNC connection, especially if close cable routing is desired. The antenna cable can be routed parallel to the back side of the antenna.



### > Antenna Cable General Specifications

Order number	52010598	
Type	R-AA TNC-TNC	
Frequency range	[MHz]	865 – 928 MHz
Impedance	[Ohm]	50
Dimension	[mm]	27 – TNC (m)- side 23.2 – TNC (f)- side

### > Suitable Antennas

Order number	Type	Region
52010082	MiRa100 Antenna Unit	ETSI
52010084	LoRa Antenna Unit	ETSI
52010092	ULoRa Antenna Unit	ETSI/FCC
52010172	S-MiRa Antenna Unit	ETSI/FCC
52010333	WRA7070 Antenna Unit	ETSI
52010335	WRA7070 ©KRAI Antenna Unit	ETSI
52010423	WRA6060 Antenna Unit	ETSI
52010583	WRA3070 Antenna Unit	ETSI
52010083	MiRa100 Antenna Unit	FCC
52010085	LoRa Antenna Unit	FCC
52010334	WRA7070 Antenna Unit	FCC
52010336	WRA7070 ©KRAI Antenna Unit	FCC
52010424	WRA6060 Antenna Unit	FCC
52010584	WRA3070 Antenna Unit	FCC