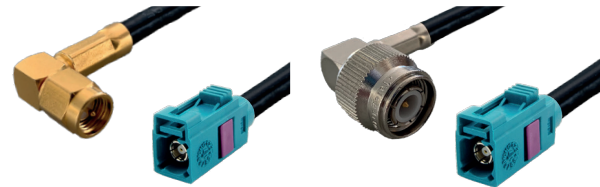


The FAKRA cables allow for an easy installation of the RRU1400 and the ARU2400 readers to connect antennas with TNC or SMA socket. FAKRA connectors, known from the automotive industry, are robust and vibration-resistant. The coded connectors lock in place with a click and are connected within a second, thus making installation in large rollout projects considerably easier and reducing installation costs.

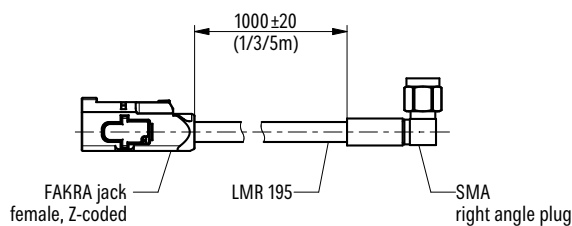


## > Reader Connecting Cable General Specifications

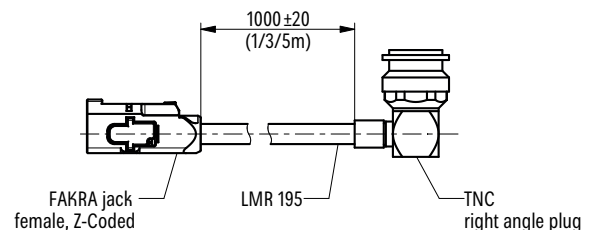
Order number	Type	Connector, left	Connector, right	Cable	Cable Length	Attenuation
52010451	R-AC 1 SMA-FAKRA	SMA right angle plug	FAKRA Z-coded; jack (f)	LMR 195	1 m	0.8 dB
52010452	R-AC 3 SMA-FAKRA	SMA right angle plug	FAKRA Z-coded; jack (f)	LMR 195	3 m	2.4 dB
52010453	R-AC 5 SMA-FAKRA	SMA right angle plug	FAKRA Z-coded; jack (f)	LMR 195	5 m	4.0 dB
52010461	R-AC 1 TNC-FAKRA	TNC right angle plug	FAKRA Z-coded; jack (f)	LMR 195	1 m	0.8 dB
52010462	R-AC 3 TNC-FAKRA	TNC right angle plug	FAKRA Z-coded; jack (f)	LMR 195	3 m	2.4 dB
52010463	R-AC 5 TNC-FAKRA	TNC right angle plug	FAKRA Z-coded; jack (f)	LMR 195	5 m	4 dB

### LMR 195

- cable type LMR 195
- impedance 50 Ω
- screening effectiveness >85 dB
- diameter 4.95 ±0.2 mm
- min. bend radius 25 mm (single bend)
- operating temperature range: -40°C to +85°C



Connecting Cable 52010451/52010452/52010453



Connecting Cable 52010461/52010462/52010463

## > Suitable Reader and Antennas\*

Order number	Type	Region	used as
52010551	RRU1400 Reader Unit	ETSI	feeder cable
52010552	RRU1400 Reader Unit	FCC	feeder cable
52010348	ARU2400 Antenna Reader Unit	ETSI	feeder cable
52010349	ARU2400 Antenna Reader Unit	FCC	feeder cable

\* The cables are suitable for all antennas with SMS or with TNC socket.