



FlexiRay™ SFR

Rugged Slim RFID UHF Antenna

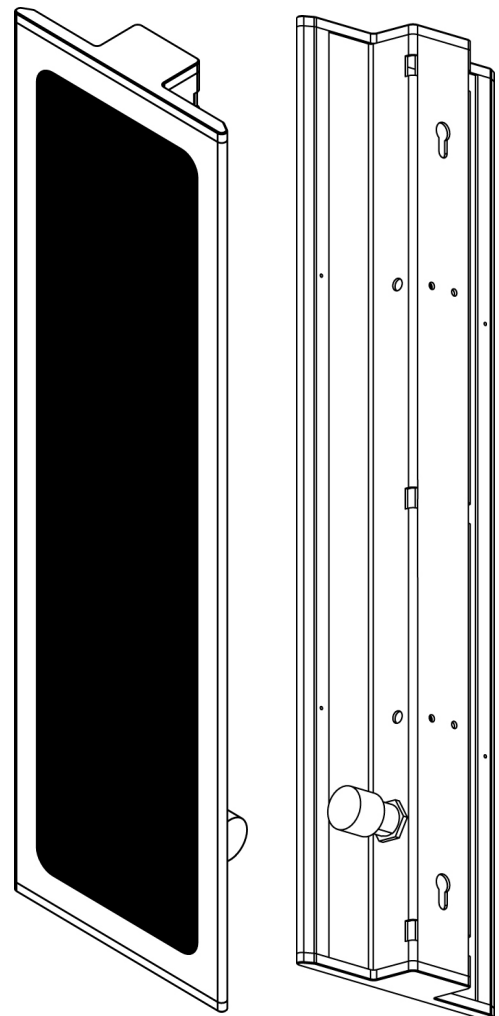
Key Features

- Aesthetic design suitable to entrances or passages
- Unique radiation pattern
- Modular antenna length
- Low mounting depth
- Rugged all-metal construction
- Conveyor RFID antenna

Modular slim planar antenna **FlexiRay™ SFR** with unique radiation pattern enabling creation of RFID reading zones in entrances, doors, conveyor belts or production lines. The antenna is supplied in various lengths from 180 to 1090 mm, thus allowing optimal adaptation to specific installation. Rugged all-metal construction was developed for use in demanding industrial conditions.

Antenna **FlexiRay™ SFR** provides flexible mounting capability. The design allows deployment not only in industrial environments but also in interiors and offices. Antenna has circular polarization and is also available for FCC and ETSI frequencies. Antennas are equipped with robust N-type connector for flexible cable connection.

Antenna with gain 0 dBi was designed **for short range applications requiring reading characteristics along the whole antenna length**. Using max. EIRP 2W it can achieve reading distance from 2 to 4 metres, depending on the type of antenna, used reader, cable length, used RFID tags and environment.



RFID UHF Antenna

FlexiRay™ SFR



Model Number	SFR 110x	SFR 120x	SFR 130x	SFR 140x	SFR 150x
Frequency Range	866 - 868 MHz (ETSI), 902 - 928 MHz (FCC)				
Polarization	circular				
Gain	0 dBi				
Impedance	50 Ohms				
VSWR	< 1,5 : 1				
Max. Input Power	10 W				
Operating Temperature	-25°C to +60°C				
H - Plane Beamwidth	80°	50°	40°	32°	25°
E - Plane Beamwidth	80°	110°	100°	95°	95°

Dimensions:	SFR 110x	SFR 120x	SFR 130x	SFR 140x	SFR 150x
Length	180 mm	460 mm	700 mm	880 mm	1090 mm
Width	130 mm	130 mm	130 mm	130 mm	130 mm
Height	34 mm	34 mm	34 mm	34 mm	34 mm
Weight	0,5 kg	0,7 kg	1 kg	1,2 kg	1,5kg

Ordering Code - ETSI (865 - 868 MHz)	SFR1100	SFR1200	SFR1300	SFR1400	SFR1500
Ordering Code FCC (902 - 928 MHz)	SFR1101	SFR1201	SFR1301	SFR1401	SFR1501



Barco, s.r.o.
Hradistska 849
687 08 Buchlovice
Czech Republic
Tel.: +420 572 520 052
Email: sales@barco.cz

Barco Slovakia, s.r.o.
Nove Zahrady I, c. 11
821 05 Bratislava
Slovakia
Tel.: +421 2 4823 5600
Email: sales@barco.sk

www.barco.cz