

LTE and WiFi antenna combiner

Compact and high performance antenna combiner up to 6GHz WiFi frequency. It is ideally used with proTAC 5311 4G LTE antenna to split it with LTE modem and WiFi router.



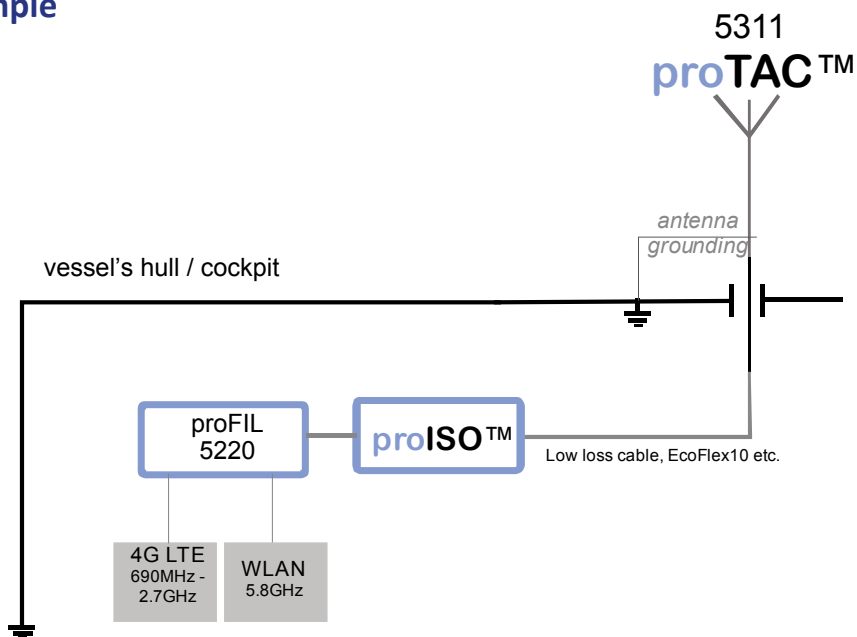
proFIL 5220 covers communication bands from 80MHz up to 6GHz. LTE communication port is specially designed for modern high speed data modems operating between 690MHz and 2.7GHz. WiFi port is intended for WLAN routers at 5.8GHz (4-6GHz).

Instant advantages:

- reduced co-site interference
- reduced intermodulation
- saved space
- reduced installation cost and time



Connection example



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Electrical Specifications (TA=25°C)

Product	proFIL 5220 4G LTE and WiFi Antenna Combiner	proISO 1010 High Frequency galvanic coaxial cable isolator
Model	FIL5220	GLI1010
Type	Medium isolation / Low loss antenna combiner	Capacitively coupled galvanic isolator/ DC block
RF specification		
Standard frequency range	LTE: 10-2700MHz WiFi: 4 GHz – 6GHz	1GHz – 6GHz
RF-specification (standard range)	RL: <-20dB (avg) Loss: 0.7dB (avg) Isolation: < 30dB (avg) POWER: 2W	RL: <-25dB (average) Loss: < 0.7dB (average) POWER: 50W

Mechanical & Environmental specifications

General	N-female connectors Material: Aluminum Connector chassis and case grounded	N-female connectors Material: Aluminum Connector chassis and case isolated
Environment	-30°- 40°C non condensing	-20°- 60°C non condensing IP65
Size	119 x 110 x 30 mm weight: 0.32 kg	w&h: 42 x 42 mm, body length 130 mm, length with cables 300 mm
Mounting	M4 holes on bottom lid, wall mount	hanging, cable rail
Options	n/a	ACC2001: DIN RAIL / WALL

