

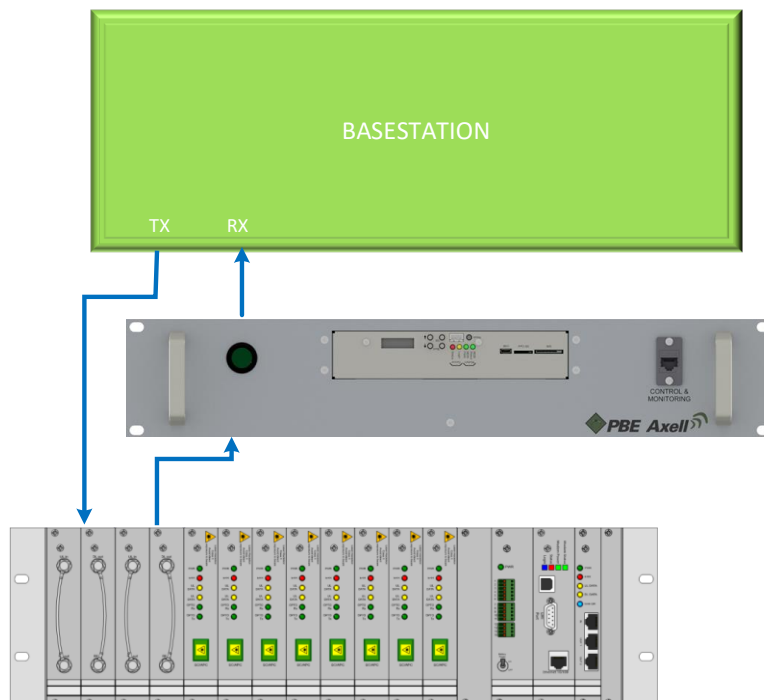
## OMU to BTS squelch interface

### Key features

- Compact 2U, 19" rack mount case.
- Squelch functionality implementation Uplink between OMU & BTS
- Easy gain & squelch setting via web GUI
- Channel Selective

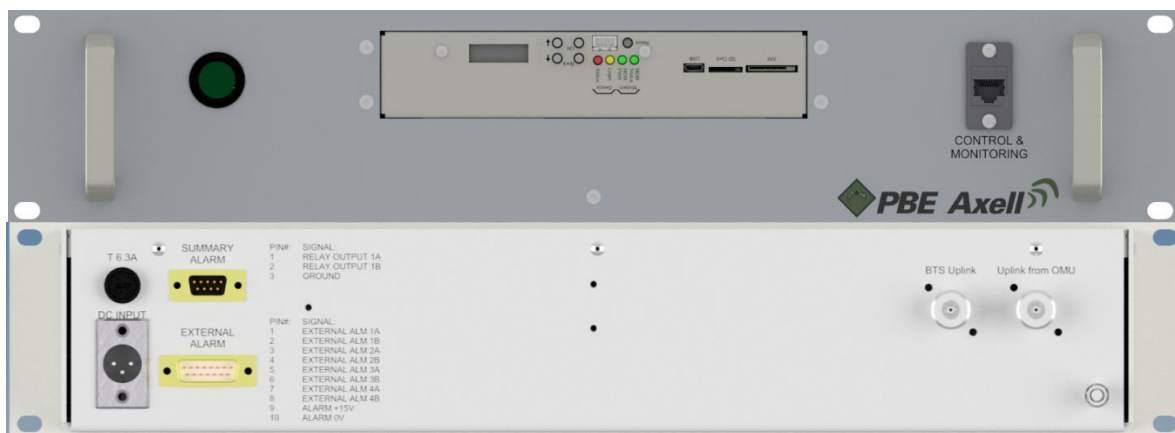


The Squelch interface sits between the OMU2 and Basestation to suppress the receive path desensitisation of an optical fibre DAS:



Technical specification

Uplink RF Specification		
General frequency ranges available (others upon request up to 520 MHz)	Uplink	Bandwidth
	380 MHz to 385 MHz	5 MHz
	380 MHz to 386.5 MHz	6.5 MHz
	380 MHz to 387 MHz	7 MHz
	385 MHz to 390 MHz	5 MHz
	410 MHz to 415 MHz	5 MHz
	413 MHz to 420 MHz	7 MHz
	415 MHz to 420 MHz	5 MHz
	450 MHz to 455 MHz	5 MHz
455 MHz to 460 MHz	5 MHz	
Gain & digital gain adjustment	0-30dB in 1 dB steps	
Digital Filter options	60 kHz (high selectivity), 90 kHz (low delay)	
Squelch setting	-70dBm to -130dBm	
Max input	<-30dBm	
General Specification		
Case Size	2U, 19" rack mount, 300 mm deep	
Case Material	Aluminium Alloy (2mm)	
Chassis Finish	Iridite NCP	
Fascia Finish	Light Grey RAL7035 Semi-gloss	
RF Connectors	N female	
Operational Temperature Range	-25°C to +55°C	
Storage Temperature Range	-40°C to +70°C	
Humidity	95% RHNC	
Electrical Specification		
Power supply	48v DC (floating)	
Power consumption	<30W	
Summary Alarm	Volt free contact	
External Alarm Inputs	x 4 potential inputs	



Front and Rear panels

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