## **D-CSR 3604**

Digital channel and band selective repeater for public safety

2017 Datasheet

The most important thing will build is trust



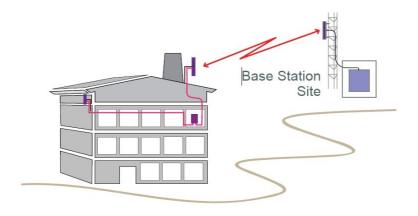


## Key features

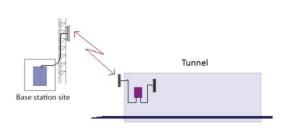
- Large repeater coverage footprint due to high output power and gain
- Dual personalities programmable band or channel selective mode
- Very low propagation delay leading to higher security, resilience and availability of information
- Easy system implementation with built-in commissioning tools
- Time-slot based ALC minimizes noise contribution
- Supervision available over various wireless modems
- · Built in spectrum analyzer

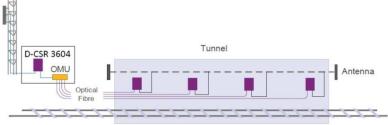
The D-CSR 3604 provides quick, cost-effective and secure radio coverage in any TETRA, TETRAPOL and many UHF networks and can handle up to eight carriers in channel selective mode or 2 subbands in band selective mode within the 5 MHz band. Through the use of the D-CSR 3604 an operator can easily expand a base station's service area by filling in coverage holes caused by terrain, buildings or tunnels.

The wireless interface permits the operator to remotely configure RF parameters as well as monitor alarms on a continuous basis. Supervision is available over various wireless modems.



The D-CSR 3604 can also be used to provide coverage in shorter tunnels. Longer tunnels can be covered by connecting the repeater to an OMU (Optical Master Unit) that feeds a number of fibre fed repeaters.







## **Technical specification**

link 895 800 825 830 865 870 90kHz (low
100 125 130 165 170
125 130 165 170
130 165 170
165 170
170
90kHz (low
90KHZ (IOW
lge
(4 carriers)
(1 (4)11(15)
R, UMTS,
, GSM-R or
TSI TS 101
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<sup>\*</sup> The squelch is set to -108 dBm, which ensures correct operation for most repeater system scenarios. It will open approximately 3dB below the static sensitivity in the repeater cell thus it will be open to any mobile on the cell border.

