

## Three-TETRA-Station Combiner

### BESCHREIBUNG

- The PRO-ISO-PHY-TETRA-S3-REV combiner provides the possibility of connecting up to three TETRA radios into one common antenna.
- The PRO-ISO-PHY-TETRA-S3-REV models are available in the frequency range 380 - 470 MHz (on request).
- ETSI compliant connection of three digital radios.
- The PRO-ISO-PHY-TETRA-S3-REV is the successor to the PRO-ISO-PHY-TETRA-3.
- The PRO-ISO-PHY-TETRA-S3-REV has improved isolation between the ports more than 62 dB - and lower insertion loss.
- The use of high-quality system components such as highly selective helical duplex filters and high-performance isolators provides high isolation and secure communication.
- The smallest and most compact design on the market.
- Suitable for both stationary and mobile use.
- Also available in tray for 19" rack mounting.
- Vibration and shock tested in accordance with EN-60068\*\*.

\*\*Tested in accordance with:

**Random test:** EN 60068-2-64, test specification: EN 300 019-2-5 V3.0.0.

**Shock test:** EN 60068-2-27, test specification: EN 300 019-2-5 V3.0.0.

**Bump test:** EN 60068-2-29, test specification: EN 300 019-2-5 V3.0.0.



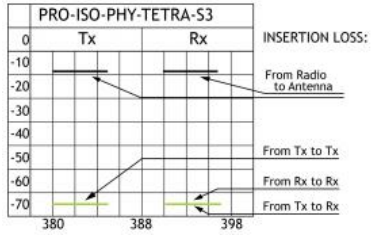
### BESTELLUNG

| Modell                                   | Produkt Nr | Frequenz                      |
|--|------------|-------------------------------|
| PRO-ISO-PHY-385/390-S3-REV-N(f)          | 210002310  | 380 - 385 MHz / 390 - 395 MHz |
| PRO-ISO-PHY-420/425-S3-REV-N(f)          | 210002561  | 415 - 420 MHz / 425 - 430 MHz |
| Accessories                              |            |                               |
| 19" Front plate with connectors in back  | 210002205  |                               |
| 19" Front plate with connectors in front | 210002302  |                               |

### SPEZIFIKATIONEN

| Elektrisch DE           |  |
|-------------------------|--|
| Modell                  | PRO-ISO-PHY-TETRA-S3-REV   |
| Frequenz                | Rx: 380 – 385 MHz / Tx: 390 – 395 MHz<br>or<br>Rx: 410 - 415 MHz / Tx: 420 - 425 MHz |
| Max. Eingangsleistung   | 25 W per port  |
| Einfügedämpfung Tx-Ant. | < 9.0 dB   |
| Einfügedämpfung Rx-Ant. | < 9.0 dB   |
| Isolation TRx - TRx     | Tx - Tx: > 62 dB<br>Rx - Rx: > 62 dB<br>Tx - Rx / Rx - Tx: > 62 dB                   |
| VSWR                    | < 1.5:1  |
| Gruppensignallaufzeit   | Tx-ANT. < 120 nsec.<br>Rx-ANT. < 150 nsec.   |
| Anzahl der Kanäle       | 3 - 3  |
| Mechanisch DE           |  |
| Anschlusstyp            | N(f)   |
| Farbe                   | Schwarz  |
| Abmessungen             | ca. 150 (excl. conn.) x 250 x 35 mm  |
| Gewicht                 | ca. 2.4 kg   |
| Umwelt                  |  |
| IP Schutzklasse         | IP62   |

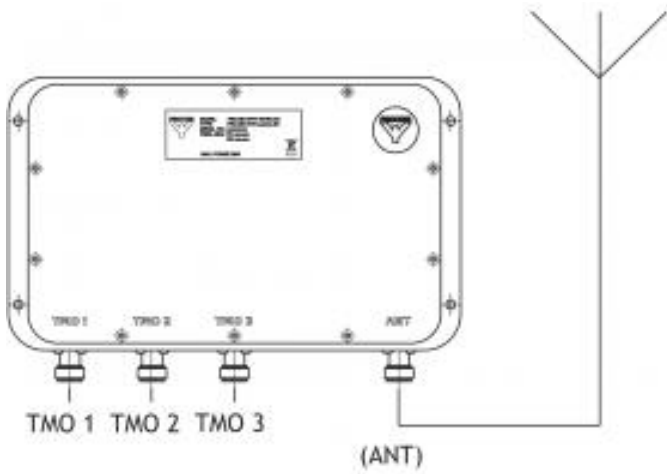
TYPICAL ATTENUATION VALUES



19" FRONT PLATE WITH CONNECTORS IN FRONT (210002302)



CONNECTION DIAGRAM



19" FRONT PLATE WITH CONNECTORS IN BACK (210002205)



MOUNTING DETAILS

