

TETRA POWER DIRECTIONAL COUPLERS

- IDEAL FOR TETRA BAND
- OUTDOOR ASSEMBLY
- HIGH POWER
- COMPACT SIZE

These TETRA band directional couplers are universal building blocks which are intended for use in TETRA mobile systems. Due to its low losses and compact size they can be used effectively in these communication systems.

Electrical characteristics:

| | |
|-----------------------------|------------------------------------|
| Frequency Band | 380 to 520 MHz |
| Coupling Ripple | 0.5 dB |
| Main Line Insertion Loss | max 0.3 dB above theoretical value |
| Isolation (Directivity) | > 25 dB typ., min. 20 dB |
| Reflection @ all port | < -25 dB typ., max. -20 dB |
| Max. Input Power | 100 W |
| Connectors | N – female type |
| Operating Temperature Range | - 30 to + 70°C |
| Application, IP rating | Outdoor – IP68 |
| BDST22 | 50 dB coupling |
| BDST23 | 10 dB coupling |
| BDST24 | 30 dB coupling |

Specifications are subject to change without notice.

Outline dimensions (mm):

