

3dB TETRA POWER SPLITTER

- **IDEAL FOR THE TETRA SYSTEM**
- **3 dB COUPLING**
- **HIGH POWER SPLITTER**
- **COMPACT SIZE**
- **OUTDOOR ASSEMBLY**
- **WITH INTERNAL TERMINATION**

This broadband directional coupler is a universal building block which is intended for use to split signals in the 400 MHz TETRA systems. Due to its low losses and compact size it can be used effectively in these communication systems, also in outdoor environments.

Electrical characteristics:

Frequency Band	380 to 520 MHz
Nominal Coupling	3 dB
Coupling Ripple	$< \pm 0.4$ dB
Insertion Loss (*)	< 0.3 dB typ., max. 0.4 dB
Isolation (Directivity)	> 25 dB typ., min. 20 dB
Reflection @ all port	< -25 dB typ., max. -20 dB
Max. Input Power @ common port	100 W
Connectors	N type (**)
Operating Temperature Range	- 30 to + 70°C
Application, IP rating	Outdoor, IP68

(*) Above the theoretical 3 dB coupling loss

Specifications are subject to change without notice.

(**) Available with 7/16 connector as well. /Product name: BDST16/

Outline dimensions (mm):

