

The DC Stop is used in dual or multi-band antenna systems where one or more antenna systems require a DC supply for an installed mast head amplifier. The DC Stop prevents DC voltage from being shorted within the nonbiased antenna system(s) and isolates the corresponding base station output(s) from DC voltage.

Design and construction:

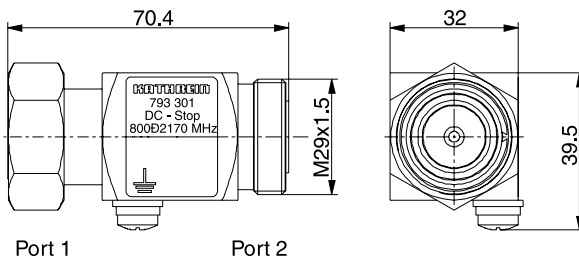
The DC Stop provides low RF signal insertion loss and high DC signal isolation from port 1 to port 2 and vice versa.

For indoor or outdoor use (IP 67).



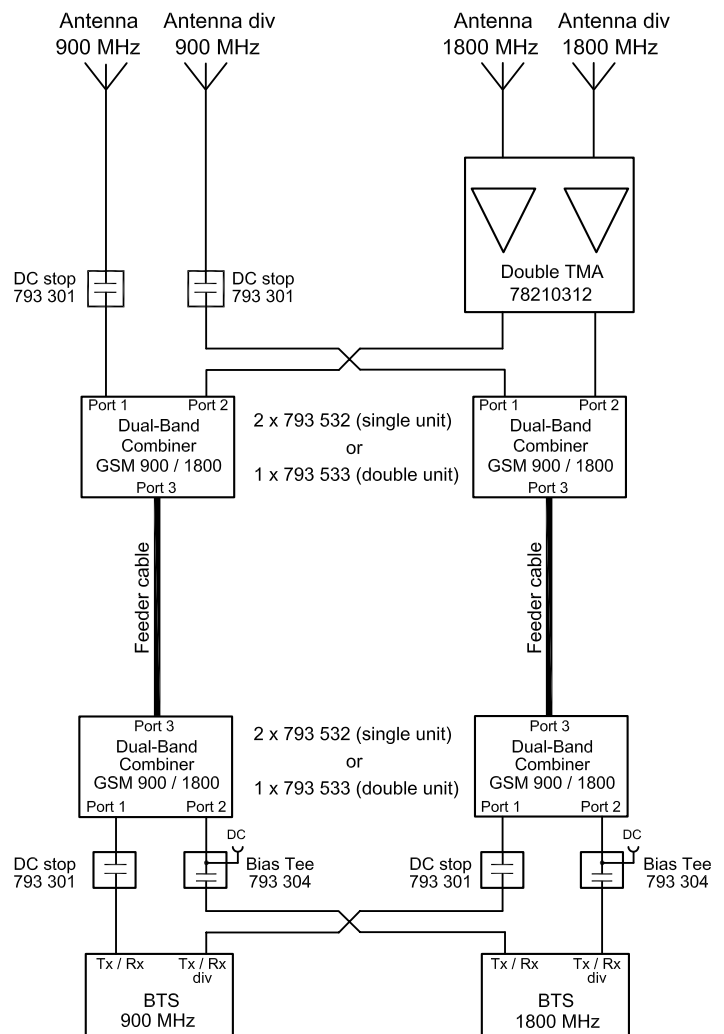
Specifications:

Frequency range	800–2170 MHz
Impedance	50 ohms
VSWR	< 1.1:1 (800–2000 MHz) < 1.2:1 (2000–2170 MHz)
Insertion loss Port 1↔Port 2	< 0.1 dB (800–2170 MHz)
Isolation Port 1↔Port 2	>70 dB (DC)
Maximum input power	<750 watts (800–2170 MHz)
Intermodulation (2x20w)	IM3: -160 dBc
Operating temperature	-40° to +70° C
Connectors	
Port 1	7/16 DIN male
Port 2	7/16 DIN female
Dimensions	2.8 x 1.6 x 1.3 inches (70 x 40 x 32 mm)
Weight	0.7 lb (0.32 kg)



Order Information:

Model	Description
793 301	DC Stop



Application Example



10703-E
936.1954/d



All specifications are subject to change without notice.
The latest specifications are available at www.kathrein-scala.com.