

Cellular 2-way Splitter

824 - 2170 MHz

Product code: SPLT-A0014



The broadband 2-way splitter utilises cascade hierarchical Wilkinson splitter technology to ensure low loss, while providing good phase and amplitude balance.

Features:

- Full GSM frequencies
- Low loss splitter
- Good phase and amplitude balance

Application areas:

- Least Cost Routers (LCRs)
- Splitting power from a single antenna to two independent devices
- This device provides communications capabilities for the following:

Standard		Frequency (MHz)
TACS	Europe and Asia only	871 - 949
TDMA/CDMA/AMPS		824 - 894
SM "GSM 900"		870- 960
PDC Japan only		810 - 956
EGSM		806 - 869
GSM 1800 / PCS/ PCN	Japan, Taiwan and China only	1710 - 1880
DECT		1880 - 1900
PHS		1895 - 1918
GSM "GSM1900"		1850 - 1990
UMTS		1900 - 2170
	USA and Canada only	

Specifications:

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Electrical:

Frequency	824 - 2170 MHz
VSWR	< 1.5:1
Phase imbalance	< 2°
Amplitude imbalance	0.2 dB
Isolation	> 20 dB
Insertion loss (excluding splitting loss)	< 0.7 dB
Insertion loss (including splitting loss)	< 3.7 dB
Connector	SMA(f)

Mechanical:

Dimensions (l x w x h)	90 mm x 90 mm x 15mm
Weight	88 g

Typical Splitter Measurements

