

# Twin Dual Duplex TMA 2100

<b>ARTICLE</b>	<b>EXT-11601</b>
<b>DOWNLINK (TX) PATH</b>	
<b>FREQUENCY BAND</b>	2110 - 2170 MHz
<b>INSERTION LOSS</b>	0.3 dB*
<b>RETURN LOSS</b>	18 dB min. (VSWR < 1.3:1)
<b>CONTINUOUS AVERAGE POWER</b>	200 W (53 dBm)
<b>INTERMODULATION, 2x43 dBm TX CARRIER BTS PORT</b>	-125 dBm in RX band, ANT port
<b>UPLINK (RX) PATH</b>	
<b>FREQUENCY BAND</b>	1920 - 1980 MHz
<b>GAIN</b>	12 dB nominal
<b>NOISE FIGURE</b>	1.3 dB*
<b>INSERTION LOSS, BYPASS MODE</b>	2.0 dB*
<b>RETURN LOSS</b>	18 dB min. (VSWR < 1.3:1)
<b>OUTPUT IP3</b>	25 dBm*
<b>POWER SUPPLY AND ALARM</b>	
<b>CURRENT ALARM MODE AISG - MODE</b>	
<b>DC</b>	9 - 15 V 9 - 30 V
<b>POWER</b>	80 - 130 mA < 2 W
<b>ALARM</b>	170 - 180 mA 3GPP/AISG 2.0
<b>ENVIRONMENTAL</b>	
<b>OPERATING TEMPERATURE RANGE</b>	-40 to +65 °C
<b>OPERATION</b>	ETS 300 019-1-4
<b>STORAGE</b>	ETS 300 019-1-1
<b>INGRESS PROTECTION</b>	IP67
<b>MISCELLANEOUS</b>	
<b>EMC</b>	EN 301 489-8
<b>SAFETY STANDARDS</b>	EN 60950
<b>MTBF</b>	1,000,000 hours min.
<b>MECHANICAL</b>	
<b>DIMENSIONS</b>	
<b>H x W x D</b>	171 x 140 x 50 mm
<b>CONNECTORS</b>	7/16 female, long neck
<b>AISG FEMALE 8 PIN CIRCULAR</b>	
<b>MOUNTING</b>	Hose clamps, arbitrary orientation
<b>VOLUME</b>	1.3 l
<b>WEIGHT</b>	3000 g
<b>COLOUR</b>	NCS 1502-R

\* typical data



## PRODUCT FEATURES

- 3GPP / AISG 2.0 compliant
- Compact design
- Volume: 1.3 l
- Weight: 3000 g