

Product: FLECHA ACTIVE

Product Order Code:

BM-02165

Compact Amplified DAB/AM/FM Splitter

DAB, AM, FM

- Compact self adhesive amplified patch antenna
- RoHS 2011/65/EU & RoHS3 (2015/863/EU compliant)
- Request samples for test & evaluation via enquiry@bloomice.com



Technical Data

Dimensions	95mm x 35mm x 13mm
Weight	36g
Construction Materials	PC UV Stable / Film Element - PET
Mounting Arrangement	Free Space Ground Plane Independent - Mount on any non-metallic surface
Temperature Range	-40°C to +85°C
Protection Class	IP41 (Internal Use Only)
Relative Humidity	>75%
Vibration	10 to 55Hz / 1.5mm Amplitude @ 2 Hours

AM / FM / DAB Band III

Frequency Range	Band III: 174 - 240 MHz AM: 525 - 1605 KHz FM: 88 - 108 MHz
Impedance	50 Ohm
Polarisation	Linear
Gain	Band III: 174 - 240 MHz @ 22dB AM: 525 - 1605 KHz @ 12dB FM: 88 - 108 MHz @ 12dB
Radiation Pattern	Omni-Directional
Current Consumption	26-28mA
Supply Voltage	9v DC to 24v DC
Return Loss (VSWR)	≤ 2:1 (All Bands)
Radiator Type	Dipole
Amplifier Noise Figure	<3.0
Fuse Rating	500mA
Cable types	RG174
Cable Length	300mm
Connectors	FAKRA Z Male (Input) to FAKRA Z Female (Outputs)
Test & Measurement Conditions	300mm x 300mm x 2mm ABS / 300mm RG174 Cable / FAKRA M/F Code Z Connectors