

Wideband Body Worn Monitoring Antenna

20 MHz – 3 GHz

Product Code: DIPL-A0057

VERSION: 2.5

SPECIFICATIONS:



Product code:	
DIPL-A0057-01	With cable feed
DIPL-A0057-02	Without cable feed
Electrical:	
Frequency range	20 MHz – 3000 MHz
Nominal input impedance	50 Ω
Connector	TNC male
Gain	Max 1.7 dBi (see graph)
Polarisation	Vertical
Mechanical:	
Dimensions (l x w)	300 mm x 250 mm
Weight	200 g
Thickness	< 1 mm excluding mounting and feed positions
Environmental: designed to meet the following specifications	
Temperature (operational)	- 31 °C to + 71 °C
Shock	20 G for 10 ms

PRODUCT FEATURES:

- Thin and lightweight
- Covert
- Mechanically rugged and flexible
- Simple integration with clothing
- Quick detachable cable
- Optional cable feed for low frequency improvement

PRODUCT DESCRIPTION:

The DIPL-A0057 is a wideband body worn dipole antenna intended for spectrum monitoring in the VHF/UHF band from 20 MHz to 3 GHz. This covert antenna is very lightweight, mechanically rugged and flexible and can easily be integrated with clothing. For improved low frequency operation a low frequency cable feed option exists.

APPLICATIONS:

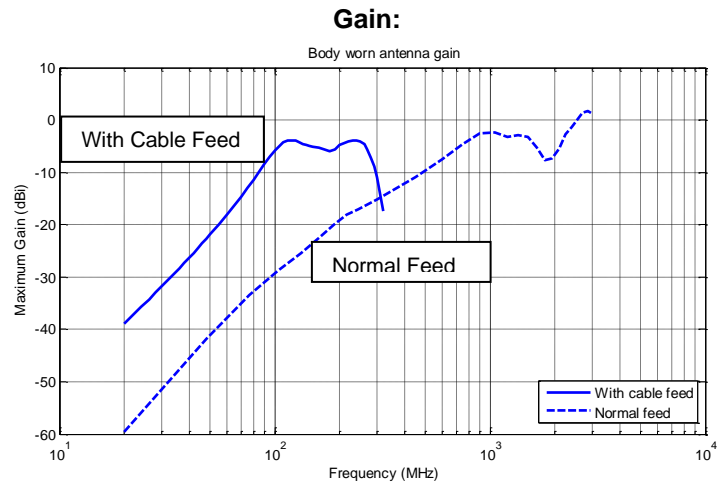
- Covert spectrum monitoring
- Danger warning

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It should be noted that the cable feed trace in the gain graph is only valid for low frequencies. The gain at higher frequencies using the cable feed will be similar to the normal feed case.

