Datasheet

SCON ANTENNA®

1/3

HE450 (FME)

Flexible Helical whip antenna with FME-connector

Flexible Helical whip antenna with integrated FME-connector, especially made for use on portable transceivers. In order to install the antenna on various transceivers a wide range of connector adapters are available (not included)

• FME CONNECTOR ADAPTER SYSTEM FOR UNIVERSAL FITTING

ELECTRICAL SPECIFICATIONS

Frequency	440 - 470 MHz (UHF)
Bandwidth	30 MHz
Impedance	50 ohm
Vswr	< 2.0 @ f.res.
Polarisation	Vertical
Gain	0 dBd, 2.1 dBi
Max. Input Power	50 W



MECHANICAL SPECIFICATIONS

Color	Black
Height	Approx. 70 mm
Weight	20 g
Mounting Place	On transceivers etc.
Materials	POM, PE, steel and brass
Operating Temperature	-40C to +70C
Connector	FME-female

Datasheet

ORDERING INFORMATION

P/N	14103 (Antenna whip only)
P/N	14103IP (Antenna whip only - Bulk packing)
P/N	14147 (Antenna + BNC-male adapter)
P/N	14147IP (Antenna + BNC-male adapter - Bulk packing)
P/N	14146 (Antenna + TNC-adapter)
P/N	14146IP (Antenna + TNC-adapter - Bulk packing

PACKAGING INFORMATION

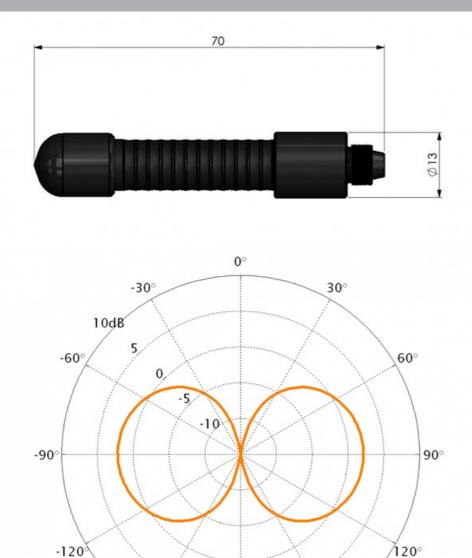
Туре

Polybag or bulk



Datasheet

3/3



 $\pm 180^{\circ}$

-150°

150°