

ACCESSORIES (B)

Overview

Antennas / Antenna Cover

Conversion cables




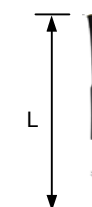
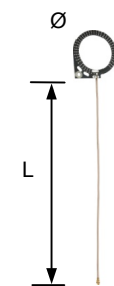
Extension cables

Connectors


Module Connector table

Antenna - 2.4 GHz



(1) "Open" – no part no. for this item

Name	Whip Antenna (swivel type)	Whip Antenna	Whip Antenna	Sleeve Antenna	Loop Antenna
Photo					
Part no.	ANT-2G4W1R-R	ANT-2G4W2R-R	ANT-2G4S3	ANT-2G4S2	ANT-2G4L2
Connector	RP-SMA		MHF		MHF
Gain dBi	+2		+0	+1.5	+0.9 to +1.89
VSWR	≤ 2.0		-	≤ 2.0	≤ 1.4
Environment	None	IP65	None		
Dimensions mm	107(L), 10(Ø)	101.2(L), 10(Ø)	32(L)	149(L)	200(L), 33(Ø Inner), 43(Ø Outer)
Remarks	-	Waterproof	-		



Antenna - 335 MHz

Name	Whip Antenna (Swivel)
Photo	
Part no.	ANT-335-R
Connector	SMA
Gain dBi	$\leq +2.14$
VSWR	≤ 2.0
Environment	None
Dimensions mm	108(L), 10(Ø)
Remarks	-



Antenna - 400 MHz

Water Resistant Antenna (3/8 lambda)	Antenna with Coaxial Cable (1/4 lambda)
	
ANT-400	ANT-01
SMA	TMP
$\leq +2.14$	$\leq +2.14$
≤ 2.0	-
Waterproof	-
184.5(L)	173(L)
Weather Resistant	Cable type 1.5D-2V *, GND plate

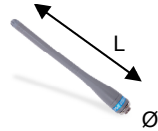
Antenna - 434 MHz / 458 MHz

Name	Lead antenna with plug	Rigid antenna with plug
Photo		
Part no.	ANT-LEA-01-R	ANT-RIG-01-R
Connector	TMP	TMP
Gain dBi	$\leq +2.14$	$\leq +2.14$
Dimension mm	170(L)	170(L)

Antenna - 863 MHz / 869 MHz





Name	Lead antenna with plug	Rigid antenna with plug
Photo		
Part no.	ANT-LEA-02-R	ANT-RIG-02-R
Connector	TMP	TMP
Gain dBi	$\leq +2.14$	$\leq +2.14$
Dimension mm	80(L)	80(L)

Antenna cover


Part No.	Name	Photo	Dimensions mm	Remark
AC-400-R	Water resistant antenna cover		184(L) 8 (Ø)	Slide over Lead and Rigid Antennas

Conversion cable (From TMP)



(1)The word "Mountable" refers to at least one connector having a flange allowing mounting onto a case

Part no.	Name	Convert to	Photo	Length mm	Cable type	Remark
CBL-RPSMARD-SP 100mm	Conversion Cable (TMP-RPSMA) (100mm)	RP-SMA		100	RG-174	Mountable
CBL-RPSMARD-SP 500mm	Conversion Cable (TMP-RPSMA) (500mm)	RP-SMA		500	RG-174	Mountable
CBL-SMA-01-R	Conversion Cable (TMP-SMA) (100mm)	SMA		100	1.5D-2V *	-
CBL-SMA-05-R	Conversion Cable (TMP-SMA) (500mm)	SMA		500	1.5D-2V *	-
CBL-SMA-10-R	Conversion Cable (TMP-SMA) (1000mm)	SMA		1000	1.5D-2V *	-
CBL-BNC-03	Conversion Cable (TMP-BNC) (200mm)	BNC	-	200	RG-174	Mountable O-ring seal on BNC
CBL-BNC-02-R	Conversion Cable (TMP-BNC) (357mm)	BNC		357	1.5D-2V *	Mountable
CBL-SMA-02F-R	Conversion Cable (TMP-SMA) (200mm)	SMA		200	RG-174	Mountable


Conversion cable (From MHF)

Part no.	Name	Convert to	Photo	Length mm	Cable type	Remark
CBL-RPSMARD-MH 15cm	Conversion Cable (MHF-RPSMA 15cm)	RP-SMA		150	RG-178	Mountable

Extension cable (RPSMA – RPSMA)

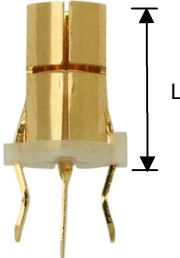
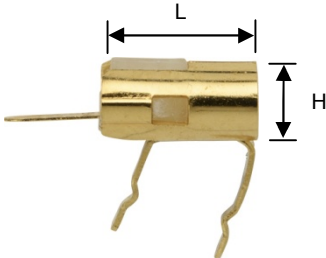
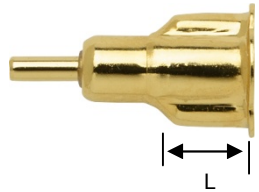
Part No.	Name	Photo	Length mm	Cable type	Remark
CBL-RPSMA-02-R	Extension Cable (RPSMA-RPSMA 200mm)		200	RG-316	Mountable Jack-Plug
CBL-RPSMA-03-R	Extension Cable (RPSMA-RPSMA 300mm)		300	RG-316	Mountable Jack-Plug
CBL-RPSMARD-SM 20cm	Extension Cable (RPSMA-RPSMA 20cm)		200	RG-316-S0	Mountable Jack-Plug
CBL-RPSMARD-SM 35cm	Extension Cable (RPSMA-RPSMA 35cm)		350	RG-316-S0	Mountable Jack-Plug

Extension cable (TMP - OPEN)

Part No.	Name	Photo	Length mm	Cable type	Remark
CBL-TMP-05-R	Extension Cable (TMP 50cm)		500	1.5D-2V *	-
CBL-TMP-10-R	Extension Cable (TMP 1m)		1000	1.5D-2V *	-
CBL-TMP-01-R	Extension Cable (TMP 170mm)		170	1.5D-2V *	-

* 1.5D-2V (JIS) : RG174 equivalent

Connectors

Part No.	Name	Photo	Dimension mm	Remark
SJ050011	TMP Female (PCB mount) (Vertical)		8.4(L)	Vertical PCB mounting
SJ060011	TMP Female (PCB mount) (Horizontal)		4.2(H), 8.3(L)	Horizontal PCB mounting
SP060022	Male connector (plug) for antenna end		5.6(L)	For direct connection to our modules with TMP socket

RF Connector Type ↓	TX / RX	Transceiver	Audio	Modem
TMP	CDP-TX-02F-R , CDP-TX-02FP-R CDP-TX-02E-R , CDP-TX-02EP-R CDT-TX-02M-R , CDT-RX-02M-R	-	-	MU-D1-R MU-2-R MU-1-R
MHF	-	STD-503	-	-
RP-SMA	-	STD-502-R	-	-
Pin or pad	CDP-RX-02F-R , CDP-RX-02FP-R CDP-RX-02E-R , CDP-RX-02EP-R CDP-TX-05M-R , CDP-RX-05M-R CDP-TX-05MP-R , CDP-RX-03BS-R	LMD-400-R STD-302N-R STD-302S STD-601	WA-TX-03-R , WA-RX-03-R	-