

Outdoor Antenna

5G, IP67

multicomp PRO

**RoHS
Compliant**



Support Band	LTE Band	FDD	1,2,3,4,5,7,8,12,13,14,25,26,28,30,66,71
		TDD	41,42,43,48
	FR1	FDD	n1,n2,n3,n5,n7,n8,n12,n14,n28,n30,n266,n71
		TDD	n38,n41,n46,n77,n78,n79
GNSS	na	L1,L5	

Specification							
Frequency Range	617MHz to 960MHz	GNSS L1/ L5	1710MHz to 2200MHz	2300MHz to 2690MHz	3300MHz to 4200	4400MHz to 5000	5150 to 5925MHz
Polarization	Linear, Vertical						
HPBW / Horizontal	360°						
HPBW / Vertical	60°						
Peak Gain	2.4 dBi Max	2.7 dBi Max	3.1 dBi Max.	3.5 dBi Max.	3.5 dBi Max.	5.2 dBi Max.	4.9 dBi Max.
Efficiency	24% min.	59% min.	66% min.	63% min.	74% min.	76% min.	55% min.
VSWR	5 typ.:1	3 typ.:1					
Power Handling	2W (cw)						
Impedance	50Ω						
Connector	N Plug						

Environmental & Mechanical Characteristics

Temperature	: -40°C to +70°C
Humidity	: 95% @ 55°C
Waterproof Rating	: IPX7
Antenna Housing Colour	: White
Antenna Housing Material	: ASA, UV Resistance
Dimensions	: 102mm(L) × 25mm(OD)
Weight	: 69g

Performance Summary

VSWR

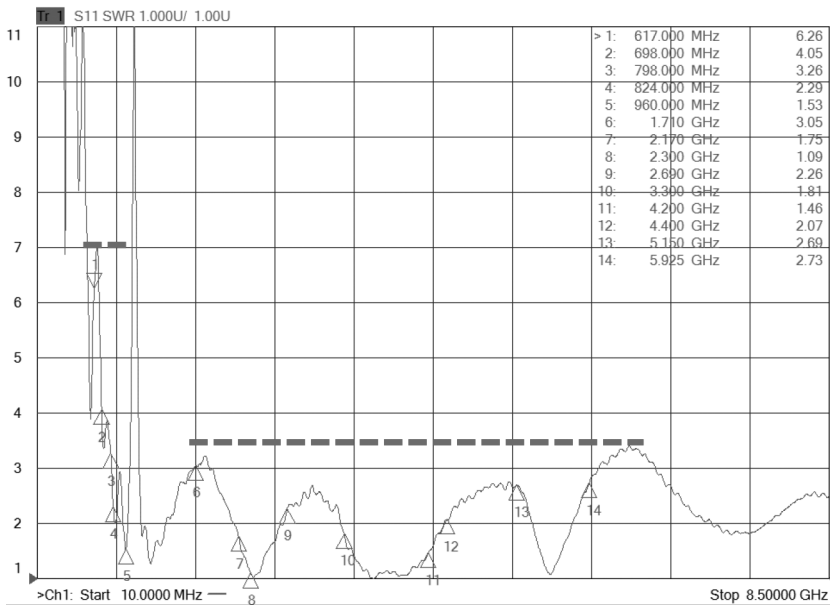
Frequency (MHz)	617 - 960	GNSSL1/L5	1710 - 2200	2300 - 2690	3300 - 4200	4400 - 5000	5150 - 5925
VSWR	5 max.: 1	3 typ.:1					

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

multicomp PRO

Outdoor Antenna 5G, IP67

multicomp **PRO**

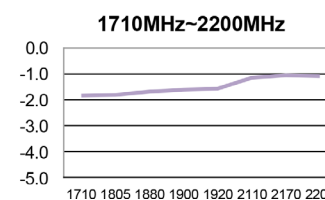
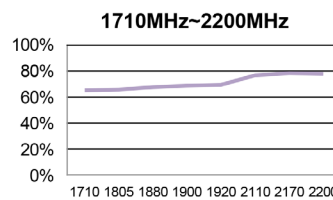
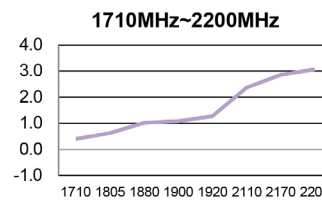
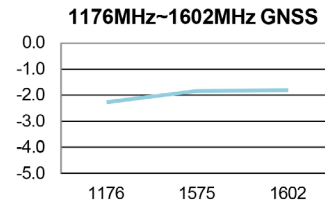
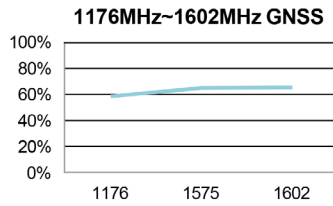
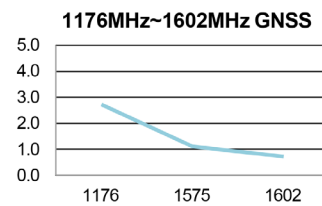
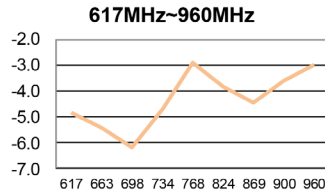
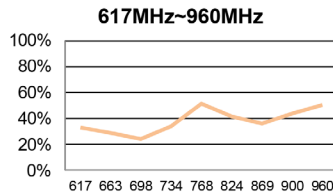
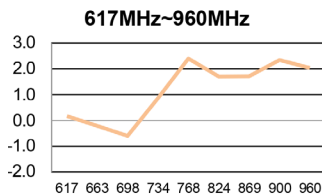


Gain Table

Peak gain

Efficiency

Avg. gain



Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

multicomp **PRO**

Outdoor Antenna 5G, IP67

multicomp PRO

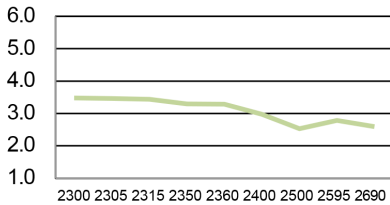
Gain Table

Peak gain

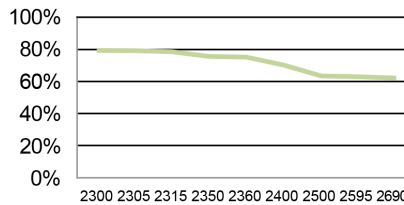
Efficiency

Avg. gain

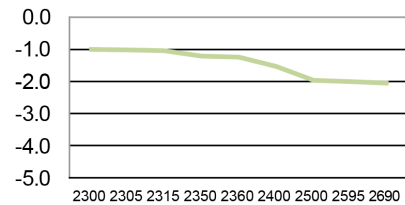
2300MHz~2690MHz



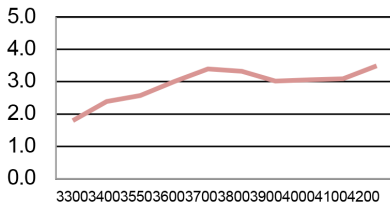
2300MHz~2690MHz



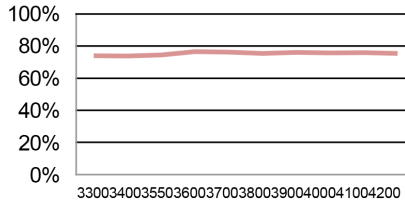
2300MHz~2690MHz



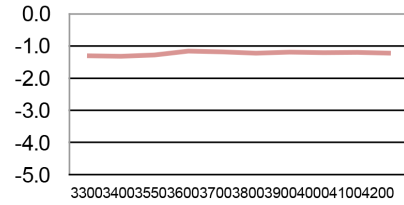
3300MHz~4200MHz



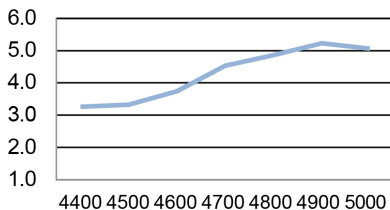
3300MHz~4200MHz



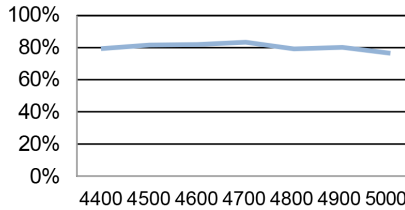
3300MHz~4200MHz



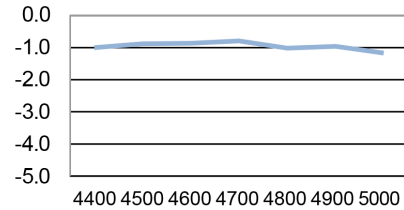
4400MHz~5000MHz



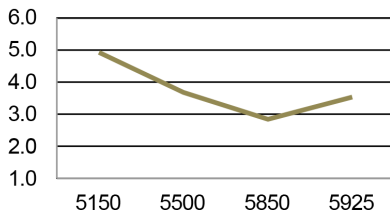
4400MHz~5000MHz



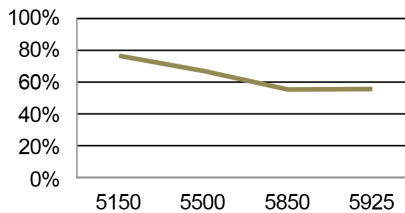
4400MHz~5000MHz



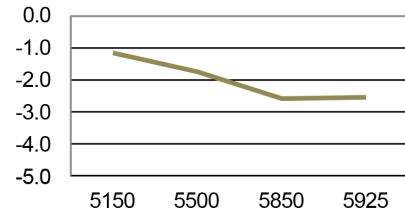
5150MHz~5925MHz



5150MHz~5925MHz



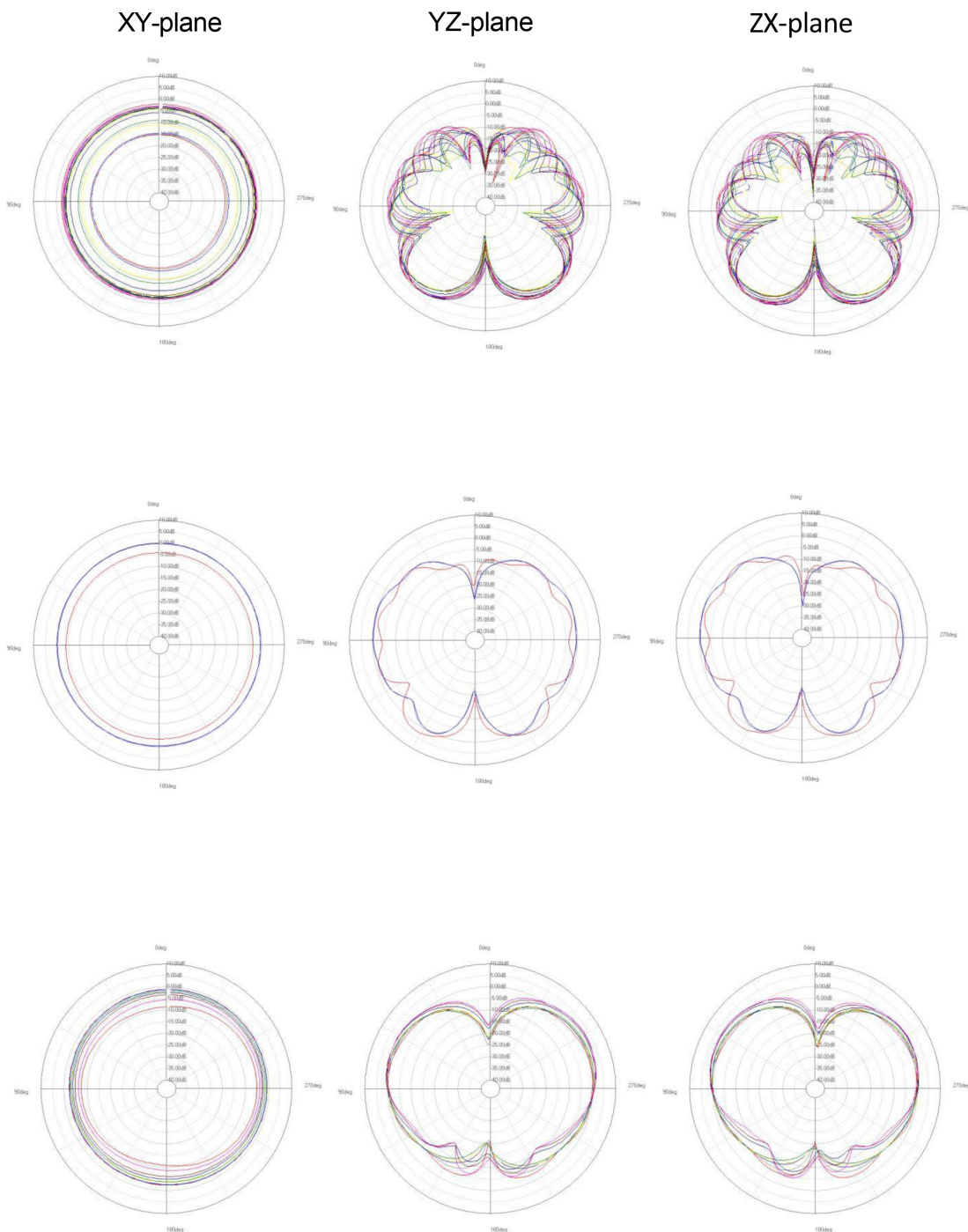
5150MHz~5925MHz



Outdoor Antenna 5G, IP67

multicomp PRO

Radiation Pattern



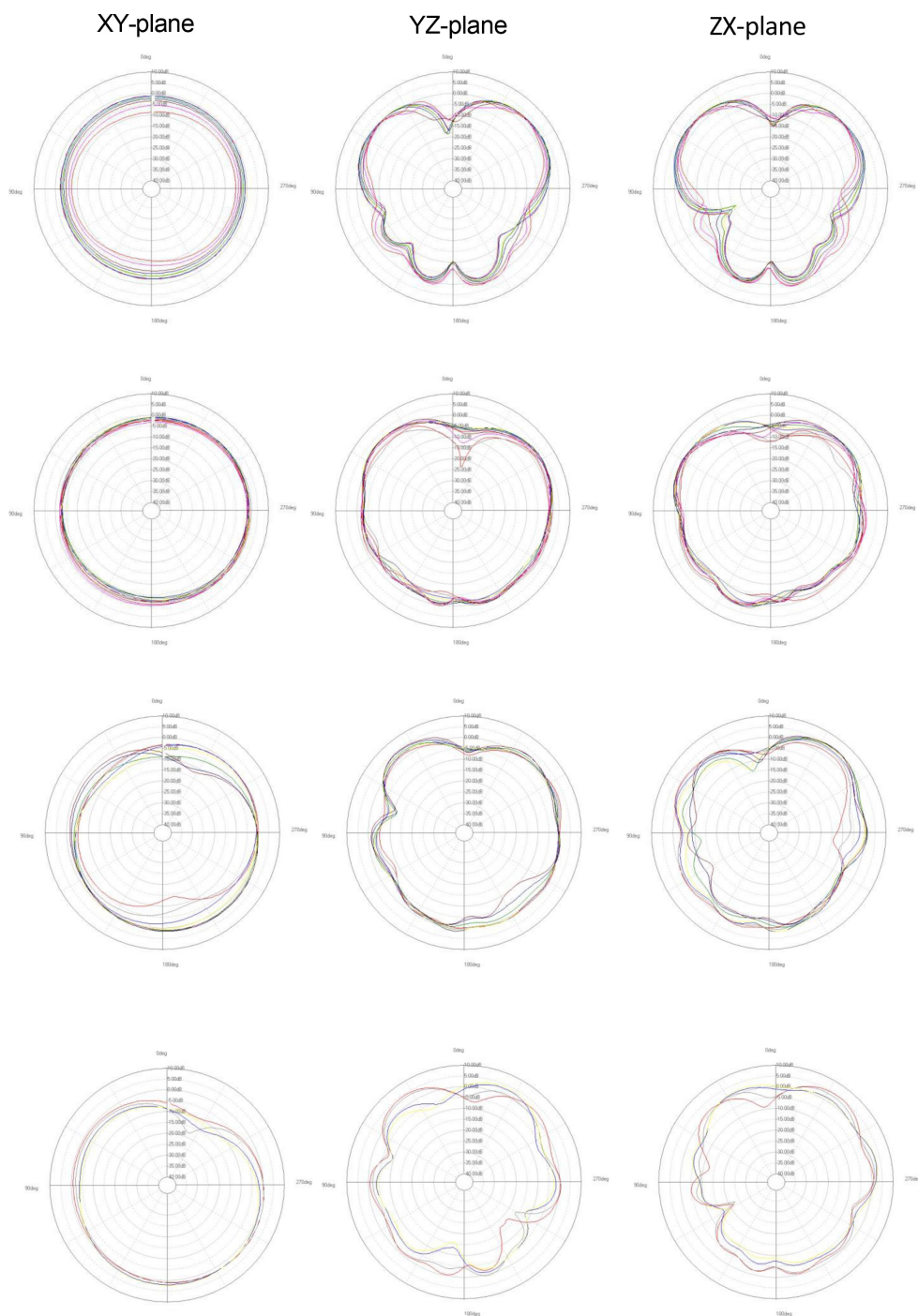
Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

multicomp PRO

Outdoor Antenna 5G, IP67

multicomp PRO

Radiation Pattern



Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

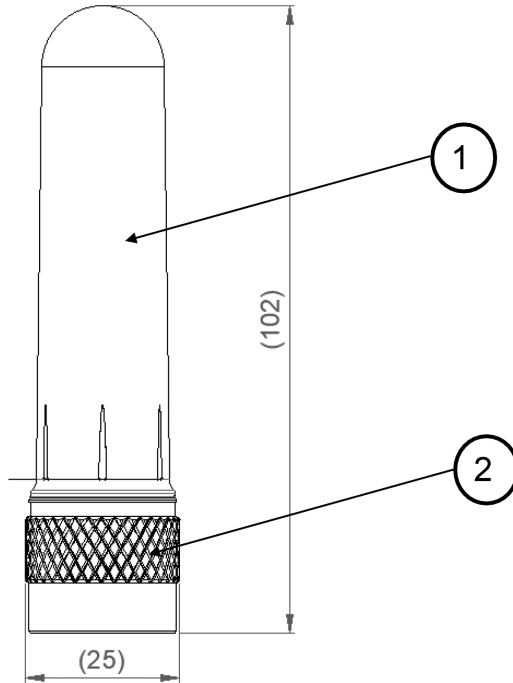
multicomp PRO

Outdoor Antenna

5G, IP67

multicomp PRO

Dimension



1. Antenna Top Cover, PC UV Resistance
2. N Straight Plug For Edge Mount Robust Antenna

Dimensions : Millimetres

Part Number Table

Description	Part Number
Outdoor Antenna, 600MHz-6GHz, N Plug, Linear, Vertical, IP67	MP011395

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro
 Farnell.com/multicomp-pro
 sg.element14.com/b/multicomp-pro

multicomp PRO