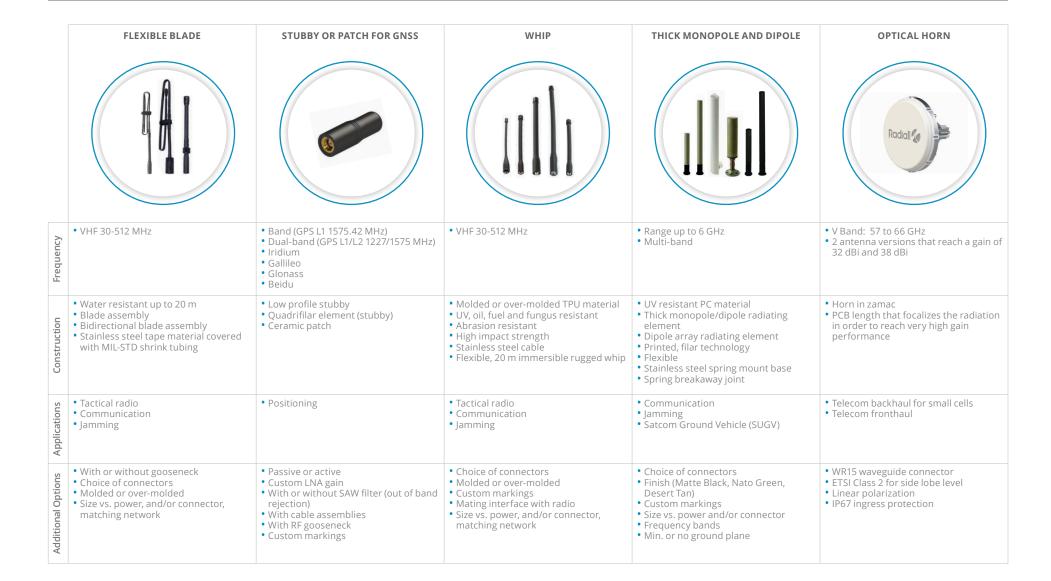






ANTENNAS NAVIGATOR

STYLE



APPLICATIONS

Military Handheld

- Typical power < 10 W • Blade assembly with and without gooseneck
- Over-molded and molded whip
- 2 m and 20 m immersion

Military Manpack

TNC

- Typical power 20 W • Blade assembly with or
- without gooseneck • 2 m and 20 m immersion

Military Vehicular

- Manned and unmanned vehicle
- Typical power 50 W • Breakaway joint

Industrial

• ISM, 3G, LTE and WiFi bands • IP67 required for outdoor applications

Positioning

• GNSS satellite positioning as GPS/Glonass/Gallileo/ Beidu for handheld devices

Telecom

Large > 30 cm

MD10-003

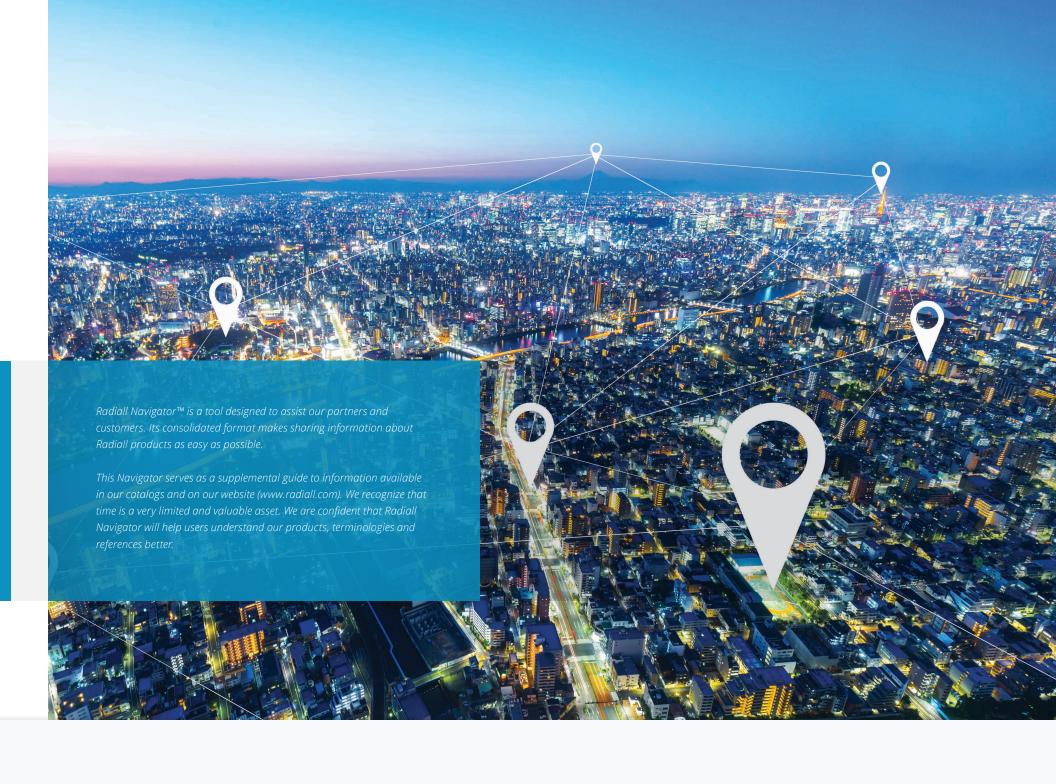
 Telecom backhaul for small cells Telecom fronthaul

PRODUCT ORDERING

SERIES		APF	LICA	TION	S			ELECTRICAL CHARACTERISTICS		PHYSICAL CHARACTERISTICS		
		Military Handheld	Military Manpack	Military Vehicular	Industrial	Positioning	Telecom					
Name	Connector	2	2	2	-	_	F	Frequency (MHz / GHz)		Construction With Gooseneck	Length (in/mm)	Part Numb
Flexible Blade	INC		•					V/UHF 30-512 MHz	11-20 VV	With Gooseneck	Large < 30 cm	R3800001
	N	•						ISM 2.4-2.5 GHz	1-10 W		Large < 30 cm	R3805002
	TNC		•					V/UHF 30-512 MHz	11-20 W	With Gooseneck	Large < 30 cm	R3800001
	TNC	•						V/UHF 30-512 MHz	11-20 W	-	Large < 30 cm	MD11-0
	TNC		•					V/UHF 30-512 MHz	11-20 W	-	Large < 30 cm	MD13-0
Optical Horn	WR15						•	V-BAND 60 GHz	1-10 W	32 dBi Array Antenna	Medium 10 cm-30 cm	R3808400
Stubby or Patch for GNSS	SMA				-	-		GPS L1	1-10 W	GNSS Passive Small Antenna	Short < 10 cm	R3803000
	SMA	-				-		GPS L1	0-1 W	L1 GPS Active 11.5 dB Antenna	Short < 10 cm	R3803000
	SMA	-						GPS L1	0-1 W	L1 GPS Active 20 dB Antenna	Short < 10 cm	R3803000
	SMA							GPS L1/GLONASS/GALLILEO	0-1 W	GNSS Passive Medium Antenna	Short < 10 cm	R3803000
	SMA	-						GPS L1/GLONASS/GALLILEO	0-1 W	GNSS Active Medium Antenna	Short < 10 cm	R3803000
	SMA							GPS L1/GLONASS/GALLILEO	0-1 W	GNSS Passive Small Antenna	Short < 10 cm	R3803000
	SMA	-				-		GPS L1/GLONASS/GALLILEO	0-1 W	GNSS Active Small Antenna	Short < 10 cm	R3803000
Thick Monopole & Dipole	N				-			ISM 2.4-2.5 GHz	11-20 W	6 dBi Omnidirectional	Large > 30 cm	MD11-0
	N				-			ISM 5.1-5.9 GHz	11-20 W	6 dBi Omnidirectional	Medium 10 cm-30 cm	MD11-0
	N							ISM 4.8-5 GHz	11-20 W	6 dBi Omnidirectional	Medium 10 cm-30 cm	MD11-0
	N				-			ISM 900 MHz	1-10 W	0 dBi Omnidirectional	Medium 10 cm-30 cm	MD14-0
	SMA				-			UHF 470-654 MHz	1-10 W	-	Medium 10 cm-30 cm	R380100
	SMA				-			ISM 2.4-2.5 GHz	1-10 W	2 dBi Omnidirectional	Short < 10 cm	R380500
	SMA							ISM 2.4-2.5 GHz	1-10 W	2 dBi Omnidirectional	Short < 10 cm	R380500
	SMA				-			ISM 2.4-2.5 GHz	1-10 W	2 dBi Omnidirectional	Short < 10 cm	R380500
	SMA							ISM 2.4-2.5 GHz	1-10 W	3 dBi Omnidirectional	Short < 10 cm	R380500
	N							ISM 2.4-2.5 GHz	1-10 W	Spring Loaded	Large > 30 cm	R3805002
	N				-			ISM 2.4-2.5/4.9-5.9 GHz	1-10 W	Spring Loaded	Medium 10 cm-30 cm	R3809002
	N							V/UHF 30-512 MHz	21-50 W	Spring Loaded	Large > 30 cm	R380990
	N							V/UHF 30-512 MHz	21-50 W	Spring Loaded	Large > 30 cm	R3800008
	N							GSM/UMTS/LTE 700 MHz-2.7 GHz	1-10 W	2 dBi Omnidirectional	Medium 10 cm-30 cm	R3809003
	SMA							ISM 2.4-2.5 GHz	1-10 W	-	Short < 10 cm	R380500
	N							ISM 2.4-2.5/4.9-5.9 GHz	1-10 W	2 dBi Omnidirectional	Medium 10 cm-30 cm	R3809003
	N							MIL 2.4-6 GHz	> 50 W	Spring Loaded	Large > 30 cm	R3809900
	N							V/UHF 30-512 MHz	> 50 W	Spring Loaded	Large > 30 cm	R3809900
Whip	TNC							V/UHF 30-512 MHz	1-10 W	Overmolded	Medium 10 cm-30 cm	R380000
	TNC							V/UHF 30-512 MHz	11-20 W	Overmolded	Large > 30 cm	R380000

V/UHF 30-512 MHz

1-10 W Overmolded





SIMPLIFICATION is our INNOVATION

We advance the design and engineering process for innovators, groundbreakers and pioneers of technology. We reduce weight, improve durability and streamline installation to provide leading-edge connectors that drive product performance.

AREA OFFICES / LOCAL CONTACTS

EUROPE	ADDRESS	PHONE	FAX	EMAIL
FINLAND	Radiall Finland PO Box 202, 90101, Oulu	+358407522412		infofi@radiall.com
FRANCE	Radiall SA 25 Rue Madeleine Vionnet, 93300, Aubervilliers	+33149353535		info@radiall.com
GERMANY	Radiall GmbH Carl-Zeiss-Straße 10, 63322, Rödermark	+49607491070	+496074910710	infode@radiall.com
ITALY	Radiall Elettronica S.R.L. Via Zambeletti 19, 20021, Baranzate Milano	+39024885121	+390248843018	infoit@radiall.com
NETHERLANDS	Radiall Nederland BV Hogebrinkerweg 15b, 3871, KM Hoevelaken	+31332534009	+31332534512	infonl@radiall.com
SWEDEN	Radiall AB Sollentunavägen 63, 191 40 Sollentuna	+4684443410		infose@radiall.com
UNITED KINGDOM	Radiall Ltd. Profile West, 950 Great West Rd., Brentford, Middlesex TW8 9ES	+441895425000	+441895425010	infouk@radiall.com

ASIA

CHINA	Shanghai Radiall Electronics Co., Ltd. No.688 Hui Fang Road, Shanghai, China, 201806	+862166523788	+862166521177	infosh@radiall.com
HONG KONG	Radiall Electronics (Asia) Ltd. Room A, 16/F., Ford Glory Plaza, 37-39 Wing Hong Street, Cheung Sha Wan, Kowloon, Hong Kong	+85229593833	+85229592636	infohk@radiall.com
INDIA	Radiall India Pvt. Ltd. 25D, Phase 2, Peenya Industrial Area, Bengaluru 560 058	+918028395271	+918028397228	infoin@radiall.com
JAPAN	Nihon Radiall K.K. Sawada Building 8F, Shibuya-ku, Tokyo 150-0011	+81364274455	+81364274456	infojp@radiall.com

AMERICAS

USA & CANADA	Radiall USA, Inc. 8950 South 52nd Street, Ste. 401 Tempe, AZ 85284	+14806829400	+14806829403	infousa@radiall.com
OJA & CANADA	Radial 03A, Inc. 0330 30dth 32hd 3theet, 3te. 401 Tempe, A2 03204	114000025400	114000023403	ii ii ousa@i aulali.coi

GLOBAL PRESENCE

Australia ·	Austria	Belgium ·	В	Brazil ·		Czech	ı Republic	Denmark	Estonia ·	Gree	се		Hungary	· In	donesia		Israel	•	Korea	Latvia	•	Lithuania
Malaysia ·	Norway	Philippines		· Polar	nd		Portugal	Singapore	South Afric	а .	Sp	ain	· Swit	tzerlan	d ·	Taiwa	n ·	T	hailand	Turkey		Vietnam

D2L003TE · **2022 EDITION**