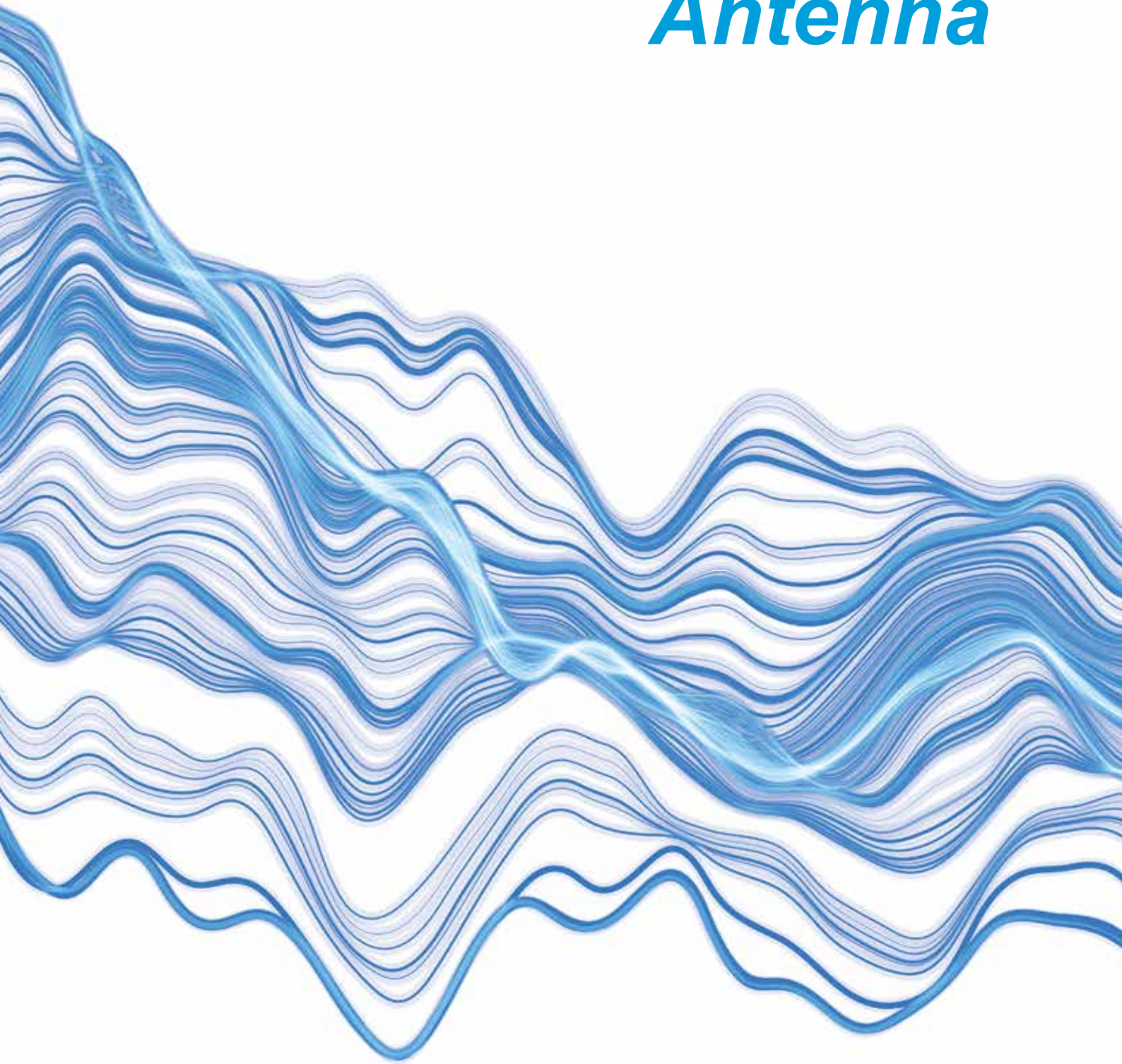


**HILLS.**<sup>TM</sup>  
*Antenna*



**RF COMMUNICATIONS** | 2024



Providing innovative technologies and solutions to connect, entertain, and secure the lives of everyday people.

Our mission to deliver reliability, quality, and performance in our products has led us to our newest line of 50 Ohm cables, connectors and adapters. Utilising superior materials and rigorously tested to comply beyond the highest Australian Standards, it's not hard to see why our products are first choice when it comes to RF communication.

To view the entire scope of our products and solutions, visit:

[www.hillsantenna.com.au](http://www.hillsantenna.com.au)

- 3 N-TYPE CONNECTORS**
- 4 UHF/BNC/SMA CONNECTORS**
- 5 CONNECTOR IDENTIFIER**
- 6 ADAPTORS**
- 7 CABLE STRIPPERS**
- 8 N-TYPE LEADS**
- 9 INSTALLERS TOOL KIT**
- 10 N-TYPE/FME LEADS**
- 11 N-TYPE/SMA LEADS**
- 12 SMA/UHF LEADS**
- 13 BNC LEADS**
- 13 COAXIAL CABLE REELS**
- 14 COAX CABLE SPECIFICATIONS**
- 15 LPDA ANTENNAS**



Part #	BC85266	BC85267	BC85268	BC85269
Connector Type	N-Type Male	N-Type Female	N-Type Male	N-Type Female
Fixing Type	Hex Crimp	Hex Crimp	Hex Crimp	Hex Crimp
Cable Type	LL195 & RG58 Mini Coax Cable	LL195 & RG58 Mini Coax Cable	LL240 Coax Cable	LL240 Coax Cable
Construction	Quality Nickel-Plated Body	Quality Nickel-Plated Body	Quality Nickel-Plated Body	Quality Nickel-Plated Body
Packaging	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag
Labelling	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description



Part #	BC85270	BC85271	BC85272	BC85273
Connector Type	N-Type Male	N-Type Female	N-Type Male - Hex Head	N-Type Male - Hex Head
Fixing Type	Hex Crimp	Hex Crimp	Hex Crimp	Hex Clamp
Cable Type	RG213 Coax Cable	RG213 Coax Cable	LL400 Coax Cable	LL400 Coax Cable
Construction	Quality Nickel-Plated Body	Quality Nickel-Plated Body	White Bronze Tri-Metal Albaloy Body - Captive Pin	Quality Nickel-Plated Body
Packaging	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag
Labelling	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description



Part #	BC85274	BC85275	BC85276
Connector Type	N-Type Male	N-Type Male	N-Type Right-Angle Male Connector
Fixing Type	Clamp	Hex Crimp	Clamp
Cable Type	LL400 Coax Cable	LL400 Coax Cable	LL400 Coax Cable
Construction	Quality Nickel-Plated Body	Quality Nickel-Plated Body	Quality Nickel-Plated Body
Packaging	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag
Labelling	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description



# UHF/BNC/SMA CONNECTORS



Part #	BC85278	BC85279	BC85280	BC85281
Connector Type	UHF (PL-259) Male	UHF (PL-259) Male	UHF (PL-259) Male	UHF (PL-259) Male - Hex Head
Fixing Type	Hex Crimp	Solder Centre Conductor & Clamp	Hex Crimp	Hex Clamp
Cable Type	LL195 & RG58 Mini Coax Cable	LL195 & RG58 Mini Coax Cable	LL240 Coax Cable	RG213 Coax Cable
Construction	Quality Nickel-Plated Body	Quality Nickel-Plated Body	Quality Nickel-Plated Body	Quality Nickel-Plated Body
Packaging	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag
Labelling	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description



Part #	BC85290	BC85291	BC85292	BC85293
Connector Type	FME Female	FME Female	TNC Male	4.3-10 Male
Fixing Type	Hex Crimp	Hex Crimp	Hex Crimp	Hex Crimp
Cable Type	LL195 & RG58 Mini Coax Cable	LL240 Coax Cable	LL195 & RG58 Mini Coax Cable	LL400 Coax Cable
Construction	Quality Nickel-Plated Body	Quality Nickel-Plated Body	Quality Nickel-Plated Body	White Bronze Tri-Metal Albaloy Body
Packaging	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag
Labelling	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description



Part #	BC85282	BC85283	BC85284	BC85285
Connector Type	BNC Male	BNC Female	BNC Male	BNC Female
Fixing Type	Hex Crimp	Hex Crimp	Hex Crimp	Hex Crimp
Cable Type	RG58 Mini Coax Cable	RG58 Mini Coax Cable	LL240 Coax Cable	LL240 Coax Cable
Construction	Quality Nickel-Plated Body	Quality Nickel-Plated Body	Quality Nickel-Plated Body	Quality Nickel-Plated Body
Packaging	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag
Labelling	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description



Part #	BC85294
Connector Type	4.3-10 Female
Fixing Type	Hex Crimp
Cable Type	LL400 Coax Cable
Construction	White Bronze Tri-Metal Albaloy Body
Packaging	Individual (1 Piece) Poly Bag
Labelling	Single Label. Part Code, Barcode & Description

Need help identifying the connectors?

We've created a little connector chart to help you identify which type is which.

- **N-Type:** DC to 6GHz frequency, 50 ohm used for cellular and wireless applications
- **UHF:** DC to 600MHz frequency, used for radio applications
- **BNC:** DC to 3GHz frequency, used for video signal interface, avionics and test equipment applications
- **SMA:** DC to 18GHz frequency, for RF testing and used in various wireless products VSAT subsystems, WLAN, WiMAX, LTE, Zigbee etc.
- **FME:** 'For Mobile Equipment' DC to 2GHz frequency, for mobile applications and used with RG58, RG174 cables
- **TNC:** DC to 11GHz frequency, used for routers, base stations, radar, mobile phones etc.
- **4.3-10:** DC to 6GHz frequency, used for wireless radio equipment and antennas



Part #	BC85286	BC85287	BC85288	BC85289
Connector Type	SMA Male	SMA Right Angle Male	SMA Male	SMA Female
Fixing Type	Hex Crimp	Hex Crimp	Hex Crimp	Hex Crimp
Cable Type	RG58 Mini Coax Cable	LLL195 & RG58 Mini Coax Cable	LL240 Coax Cable	LL400 Coax Cable
Construction	Gold Plated Body	Gold Plated Body	Gold Plated Body	Quality Nickel-Plated Body
Packaging	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag
Labelling	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description

	N-Type	UHF	BNC	SMA	FME	TNC	4.3-10
MALE							
FEMALE							



# ADAPTORS



Part #	BC85310	BC85296	BC85307	BC85303
Adaptor Side 1	N-Type Male	N-Type Male	N-Type Male	N-Type Male
Adaptor Side 2	BNC Female	FME Female	FME Male	N-Type Female
Construction	Quality Nickel-Plated Body	Quality Nickel-Plated Body	Quality Nickel-Plated Body	Quality Nickel-Plated Body
Packaging	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag
Labelling	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description



Part #	BC85305	BC85306	BC85313	BC85312
Adaptor Side 1	FME Male	FME Male	UHF Female (SO-239)	UHF Male
Adaptor Side 2	SMA Male	TNC Male	UHF Female (SO-239)	BNC Female
Construction	Quality Nickel-Plated Body	Quality Nickel-Plated Body	Quality Nickel-Plated Body	Quality Nickel-Plated Body
Packaging	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag
Labelling	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description



Part #	BC85299	BC85302	BC85300	BC85301
Adaptor Side 1	N-Type Male	N-Type Male	N-Type Male	N-Type Male
Adaptor Side 2	N-Type Male	SMA Female	SMA Male	UHF Female (SO-239)
Construction	Quality Nickel-Plated Body	Quality Nickel-Plated Body	Quality Nickel-Plated Body	Quality Nickel-Plated Body
Packaging	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag
Labelling	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description



Part #	BC85308	BC85304
Adaptor Side 1	UHF Male (PL-259)	UHF Male (PL-259)
Adaptor Side 2	FME Male	UHF Right Angle Female (SO-239)
Construction	Quality Nickel-Plated Body	Quality Nickel-Plated Body
Packaging	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag
Labelling	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description



Part #	BC85311	BC85298	BC85295	BC85297
Adaptor Side 1	N-Type Female	N-Type Female	N-Type Female	N-Type Female
Adaptor Side 2	BNC Male	FME Female	N-Type Female	SMA Female
Construction	Quality Nickel-Plated Body	Quality Nickel-Plated Body	Quality Nickel-Plated Body	Quality Nickel-Plated Body
Packaging	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag	Individual (1 Piece) Poly Bag
Labelling	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description	Single Label. Part Code, Barcode & Description

## Three Blade Cable Stripping Tool

The Hills Antenna Three Blade Cable Stripping Tool is a specialised tool, designed for the effortless and accurate cable stripping in antenna communication installations. The compact and ergonomic tool is specifically engineered to strip the outer insulation of a cable, providing a clean and precise stripping process.

### Features

- Available in two models: BC85422 (for LL400 cables) and BC85421 (for LL195, RG58, and LL240 cables)
- Three interchangeable blades for versatile cable compatibility (comes with Allen Key for interchanging blades)
- Precisely engineered blades for clean and accurate stripping
- User-friendly design with a comfortable grip
- Compact and portable for easy handling and transportation



## LL195 COAX CABLE

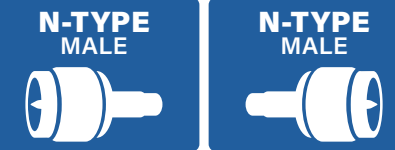


### Features

- N-Type plug connections
- Solid copper centre conductor
- UV stabilised Ø5.0mm jacket
- Low-loss 50 Ohm impedance
- Adhesive heat-shrink protection
- Versatile & durable

Part #	Length	Connector 1	Connector 2	Cable Type
<a href="#">BC85333</a>	2m	N-Type Male	N-Type Male	LL195 Coax Cable
<a href="#">BC85334</a>	3m	N-Type Male	N-Type Male	LL195 Coax Cable
<a href="#">BC85335</a>	5m	N-Type Male	N-Type Male	LL195 Coax Cable
<a href="#">BC85336</a>	10m	N-Type Male	N-Type Male	LL195 Coax Cable
<a href="#">BC85337</a>	15m	N-Type Male	N-Type Male	LL195 Coax Cable

## LL240 COAX CABLE

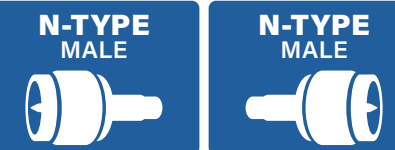


### Features

- N-Type plug connections
- Solid copper centre conductor
- UV stabilised Ø6.1mm jacket
- Low-loss 50 Ohm impedance
- Adhesive heat-shrink protection
- Versatile & durable

Part #	Length	Connector 1	Connector 2	Cable Type
<a href="#">BC85338</a>	2m	N-Type Male	N-Type Male	LL240 Coax Cable
<a href="#">BC85339</a>	3m	N-Type Male	N-Type Male	LL240 Coax Cable
<a href="#">BC85340</a>	5m	N-Type Male	N-Type Male	LL240 Coax Cable
<a href="#">BC85341</a>	10m	N-Type Male	N-Type Male	LL240 Coax Cable
<a href="#">BC85342</a>	15m	N-Type Male	N-Type Male	LL240 Coax Cable
<a href="#">BC85343</a>	20m	N-Type Male	N-Type Male	LL240 Coax Cable
<a href="#">BC85344</a>	25m	N-Type Male	N-Type Male	LL240 Coax Cable

## LL400 COAX CABLE

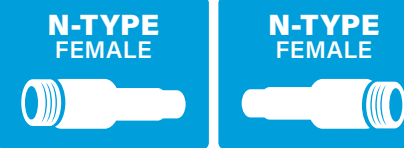


### Features

- N-Type plug connections
- Solid CCA centre conductor
- UV stabilised Ø10.3mm PE jacket
- Low-loss 50 Ohm impedance
- Adhesive heat-shrink protection
- Versatile & durable

Part #	Length	Connector 1	Connector 2	Cable Type
<a href="#">BC85345</a>	3m	N-Type Male	N-Type Male	LL400 Coax Cable
<a href="#">BC85346</a>	5m	N-Type Male	N-Type Male	LL400 Coax Cable
<a href="#">BC85347</a>	10m	N-Type Male	N-Type Male	LL400 Coax Cable
<a href="#">BC85348</a>	15m	N-Type Male	N-Type Male	LL400 Coax Cable
<a href="#">BC85349</a>	20m	N-Type Male	N-Type Male	LL400 Coax Cable
<a href="#">BC85350</a>	25m	N-Type Male	N-Type Male	LL400 Coax Cable
<a href="#">BC85351</a>	30m	N-Type Male	N-Type Male	LL400 Coax Cable
<a href="#">BC85352</a>	50m	N-Type Male	N-Type Male	LL400 Coax Cable

## LL240 COAX CABLE

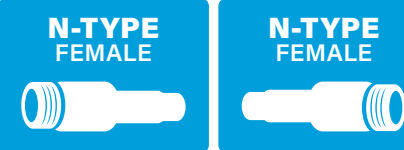


### Features

- N-Type socket connections
- Solid copper centre conductor
- UV stabilised Ø6.1mm jacket
- Low-loss 50 Ohm impedance
- Adhesive heat-shrink protection
- Versatile & durable

Part #	Length	Connector 1	Connector 2	Cable Type
<a href="#">BC85407</a>	10m	N-Type Female	N-Type Female	LL240 Coax Cable
<a href="#">BC85408</a>	15m	N-Type Female	N-Type Female	LL240 Coax Cable
<a href="#">BC85409</a>	20m	N-Type Female	N-Type Female	LL240 Coax Cable
<a href="#">BC85410</a>	25m	N-Type Female	N-Type Female	LL240 Coax Cable

## LL400 COAX CABLE



### Features

- N-Type socket connections
- Solid CCA centre conductor
- UV stabilised Ø10.3mm PE jacket
- Low-loss 50 Ohm impedance
- Adhesive heat-shrink protection
- Versatile & durable

Part #	Length	Connector 1	Connector 2	Cable Type
<a href="#">BC85411</a>	10m	N-Type Female	N-Type Female	LL400 Coax Cable
<a href="#">BC85412</a>	15m	N-Type Female	N-Type Female	LL400 Coax Cable
<a href="#">BC85413</a>	20m	N-Type Female	N-Type Female	LL400 Coax Cable
<a href="#">BC85414</a>	25m	N-Type Female	N-Type Female	LL400 Coax Cable

## Communications Installers Tool Kit

The Hills Antenna BC85420 Communications Installers Tool Kit is a comprehensive and versatile set of high-quality tools designed to facilitate efficient and precise antenna communications installations. The comprehensive kit contains all the essential tools necessary for a wide range of installation and maintenance tasks, making it an invaluable asset for communications professionals.

Part # **BC85420**

### Kit Contains

- 1x Crimping Tool (interchangeable angled head)
- 1x Coaxial Cable Cutter
- 1x Die (suit LL195, RG58 & LL240 Cables)
- 1x Die (suit LL400 Cable)
- 1x Die (suit RG58, RG59, RG62 & RG174 Cables)





## LL195 COAX CABLE

N-TYPE  
MALE



FME  
FEMALE



### Features

- N-Type plug to FME socket
- Solid copper centre conductor
- UV stabilised Ø5.0mm jacket
- Low-loss 50 Ohm impedance
- Adhesive heat-shrink protection
- Versatile & durable

Part #	Length	Connector 1	Connector 2	Cable Type
<a href="#">BC85378</a>	2m	N-Type Male	FME Female	LL195 Coax Cable
<a href="#">BC85379</a>	3m	N-Type Male	FME Female	LL195 Coax Cable
<a href="#">BC85380</a>	5m	N-Type Male	FME Female	LL195 Coax Cable
<a href="#">BC85381</a>	10m	N-Type Male	FME Female	LL195 Coax Cable
<a href="#">BC85382</a>	15m	N-Type Male	FME Female	LL195 Coax Cable

## LL240 COAX CABLE

N-TYPE  
MALE



FME  
FEMALE



### Features

- N-Type plug to FME socket
- Solid copper centre conductor
- UV stabilised Ø6.1mm jacket
- Low-loss 50 Ohm impedance
- Adhesive heat-shrink protection
- Versatile & durable

Part #	Length	Connector 1	Connector 2	Cable Type
<a href="#">BC85383</a>	2m	N-Type Male	FME Female	LL240 Coax Cable
<a href="#">BC85384</a>	3m	N-Type Male	FME Female	LL240 Coax Cable
<a href="#">BC85385</a>	5m	N-Type Male	FME Female	LL240 Coax Cable
<a href="#">BC85386</a>	10m	N-Type Male	FME Female	LL240 Coax Cable
<a href="#">BC85387</a>	15m	N-Type Male	FME Female	LL240 Coax Cable

## LL400 COAX CABLE

N-TYPE  
MALE



FME  
FEMALE



### Features

- N-Type plug connections
- Solid CCA centre conductor
- UV stabilised Ø10.3mm PE jacket
- Low-loss 50 Ohm impedance
- Adhesive heat-shrink protection
- Versatile & durable

Part #	Length	Connector 1	Connector 2	Cable Type
<a href="#">BC85390</a>	5m	N-Type Male	FME Female	LL400 Coax Cable
<a href="#">BC85391</a>	10m	N-Type Male	FME Female	LL400 Coax Cable
<a href="#">BC85392</a>	15m	N-Type Male	FME Female	LL400 Coax Cable
<a href="#">BC85393</a>	20m	N-Type Male	FME Female	LL400 Coax Cable
<a href="#">BC85394</a>	25m	N-Type Male	FME Female	LL400 Coax Cable

## LL195 COAX CABLE

N-TYPE  
MALE



SMA  
MALE



### Features

- N-Type plug to SMA plug
- Solid copper centre conductor
- UV stabilised Ø5.0mm jacket
- Low-loss 50 Ohm impedance
- Adhesive heat-shrink protection
- Versatile & durable

Part #	Length	Connector 1	Connector 2	Cable Type
<a href="#">BC85314</a>	1m	N-Type Male	SMA Male	LL195 Coax Cable
<a href="#">BC85315</a>	2m	N-Type Male	SMA Male	LL195 Coax Cable
<a href="#">BC85316</a>	5m	N-Type Male	SMA Male	LL195 Coax Cable
<a href="#">BC85317</a>	10m	N-Type Male	SMA Male	LL195 Coax Cable
<a href="#">BC85318</a>	15m	N-Type Male	SMA Male	LL195 Coax Cable

## LL240 COAX CABLE

N-TYPE  
MALE



SMA  
MALE



### Features

- N-Type plug to SMA plug
- Solid copper centre conductor
- UV stabilised Ø6.1mm jacket
- Low-loss 50 Ohm impedance
- Adhesive heat-shrink protection
- Versatile & durable

Part #	Length	Connector 1	Connector 2	Cable Type
<a href="#">BC85319</a>	1m	N-Type Male	SMA Male	LL240 Coax Cable
<a href="#">BC85320</a>	2m	N-Type Male	SMA Male	LL240 Coax Cable
<a href="#">BC85321</a>	5m	N-Type Male	SMA Male	LL240 Coax Cable
<a href="#">BC85322</a>	10m	N-Type Male	SMA Male	LL240 Coax Cable
<a href="#">BC85323</a>	15m	N-Type Male	SMA Male	LL240 Coax Cable
<a href="#">BC85324</a>	20m	N-Type Male	SMA Male	LL240 Coax Cable
<a href="#">BC85325</a>	25m	N-Type Male	SMA Male	LL240 Coax Cable

## LL400 COAX CABLE

N-TYPE  
MALE



SMA  
MALE



### Features

- N-Type plug to SMA plug
- Solid CCA centre conductor
- UV stabilised Ø10.3mm PE jacket
- Low-loss 50 Ohm impedance
- Adhesive heat-shrink protection
- Versatile & durable

Part #	Length	Connector 1	Connector 2	Cable Type
<a href="#">BC85360</a>	3m	N-Type Male	SMA Male	LL400 Coax Cable
<a href="#">BC85361</a>	5m	N-Type Male	SMA Male	LL400 Coax Cable
<a href="#">BC85362</a>	10m	N-Type Male	SMA Male	LL400 Coax Cable
<a href="#">BC85363</a>	15m	N-Type Male	SMA Male	LL400 Coax Cable
<a href="#">BC85364</a>	20m	N-Type Male	SMA Male	LL400 Coax Cable

## LL195 COAX CABLE



### Features

- SMA plug to SMA plug
- Solid copper centre conductor
- UV stabilised Ø5.0mm jacket
- Low-loss 50 Ohm impedance
- Adhesive heat-shrink protection
- Versatile & durable



Part #	Length	Connector 1	Connector 2	Cable Type
<a href="#">BC85365</a>	2m	SMA Male	SMA Male	LL195 Coax Cable
<a href="#">BC85366</a>	3m	SMA Male	SMA Male	LL195 Coax Cable
<a href="#">BC85367</a>	5m	SMA Male	SMA Male	LL195 Coax Cable
<a href="#">BC85368</a>	10m	SMA Male	SMA Male	LL195 Coax Cable
<a href="#">BC85369</a>	15m	SMA Male	SMA Male	LL195 Coax Cable
<a href="#">BC85370</a>	20m	SMA Male	SMA Male	LL195 Coax Cable

## LL195 COAX CABLE



### Features

- SMA socket to SMA plug
- Solid copper centre conductor
- UV stabilised Ø5.0mm jacket
- Low-loss 50 Ohm impedance
- Adhesive heat-shrink protection
- Versatile & durable
- (BC85332 20m is a LL240 coax cable)



Part #	Length	Connector 1	Connector 2	Cable Type
<a href="#">BC85326</a>	1m	SMA Female	SMA Male	LL195 Coax Cable
<a href="#">BC85327</a>	2m	SMA Female	SMA Male	LL195 Coax Cable
<a href="#">BC85328</a>	3m	SMA Female	SMA Male	LL195 Coax Cable
<a href="#">BC85329</a>	5m	SMA Female	SMA Male	LL195 Coax Cable
<a href="#">BC85330</a>	10m	SMA Female	SMA Male	LL195 Coax Cable
<a href="#">BC85331</a>	15m	SMA Female	SMA Male	LL195 Coax Cable
<a href="#">BC85332</a>	20m	SMA Female	SMA Male	LL240 Coax Cable

## LL400 COAX CABLE



### Features

- UHF plug to UHF plug
- Solid CCA centre conductor
- UV stabilised Ø10.3mm PE jacket
- Low-loss 50 Ohm impedance
- Adhesive heat-shrink protection
- Versatile & durable



Part #	Length	Connector 1	Connector 2	Cable Type
<a href="#">BC85371</a>	2m	UHF Male	UHF Male	LL400 Coax Cable
<a href="#">BC85372</a>	3m	UHF Male	UHF Male	LL400 Coax Cable
<a href="#">BC85373</a>	5m	UHF Male	UHF Male	LL400 Coax Cable
<a href="#">BC85374</a>	10m	UHF Male	UHF Male	LL400 Coax Cable
<a href="#">BC85375</a>	15m	UHF Male	UHF Male	LL400 Coax Cable
<a href="#">BC85376</a>	20m	UHF Male	UHF Male	LL400 Coax Cable
<a href="#">BC85377</a>	25m	UHF Male	UHF Male	LL400 Coax Cable

## LL195 COAX CABLE



### Features

- BNC plug to BNC plug
- Solid copper centre conductor
- UV stabilised Ø5.0mm jacket
- Low-loss 50 Ohm impedance
- Adhesive heat-shrink protection
- Versatile & durable
- (BC85359 20m is a LL240 coax cable)



Part #	Length	Connector 1	Connector 2	Cable Type
<a href="#">BC85353</a>	1m	BNC Male	BNC Male	LL195 Coax Cable
<a href="#">BC85354</a>	2m	BNC Male	BNC Male	LL195 Coax Cable
<a href="#">BC85355</a>	3m	BNC Male	BNC Male	LL195 Coax Cable
<a href="#">BC85356</a>	5m	BNC Male	BNC Male	LL195 Coax Cable
<a href="#">BC85357</a>	10m	BNC Male	BNC Male	LL195 Coax Cable
<a href="#">BC85358</a>	15m	BNC Male	BNC Male	LL195 Coax Cable
<a href="#">BC85359</a>	20m	BNC Male	BNC Male	LL240 Coax Cable

# COAX CABLE REELS

Need more cable length? Try our reels.

You can't go wrong with these premium Hills Antenna Coax RF Cable Reels when dealing with longer cable runs. Suitable for cellular frequencies, amateur radio and other 2-way radio communications, all cables are of a high grade quality, with superior shielding and corrosion resistant, on reinforced timber reels.



Part #	BC85208	BC85211	BC85210
Length	100m	100m	305m
Cable Type	RG58 Mini Low Loss Coaxial Cable	RG213 Low Loss Coaxial Cable	
Features	<ul style="list-style-type: none"> <li>• Double shielded with bonded foil and annealed tinned copper braid</li> <li>• Frequency Range DC-6GHz and 77% Velocity Propagation</li> </ul>	<ul style="list-style-type: none"> <li>• Annealed tinned copper outer braid, bare copper inner</li> <li>• Solid PE Inner Insulation</li> <li>• Ultra flexible</li> </ul>	



Part #	BC85207	BC85205	BC85206	BC85203	BC85204
Length	100m	100m	305m	100m	305m
Cable Type	LL195 Low Loss Coaxial Cable	LL240 Low Loss Coaxial Cable	LL400 Low Loss Coaxial Cable	LL400 Low Loss Coaxial Cable	LL400 Low Loss Coaxial Cable
Features	<ul style="list-style-type: none"> <li>• Double shielded with bonded foil and annealed tinned copper braid</li> <li>• Equivalent to LMR195 CLF195</li> </ul>	<ul style="list-style-type: none"> <li>• Double shielded with bonded foil and annealed tinned copper braid</li> <li>• Equivalent to LMR240 CLF240</li> <li>• Frequency Range DC-8 GHz and 83% Velocity Propagation</li> </ul>	<ul style="list-style-type: none"> <li>• Double shielded with bonded foil and annealed tinned copper braid</li> <li>• Equivalent to LMR400 CLF400</li> <li>• Frequency Range DC-16 GHz and 85% Velocity Propagation</li> </ul>		



Physical Characteristics	LL195	LL240	LL400	
Center Conductor:	0.94±0.01mm Bare Copper	1.42±0.01mm Bare Copper	2.74±0.01mm Copper Clad Aluminum	
Dielectric:	2.79±0.10mm Foamed PE	3.81±0.10mm Foamed PE	7.24±0.15mm Foamed PE	
Shielding	Bonded AL/PET/AL Foil	Bonded AL/PET/AL Foil	Bonded AL/PET/AL Foil	
Braiding	7 x 16 x 0.12mm Tinned Copper Coverage 90%	8 x 16 x 0.12mm Tinned Copper Coverage 90%	8 x 24 x 0.16mm Tinned Copper Coverage 95%	
Jacket	4.95±0.20mm PVC	6.1±0.20mm PVC	10.29±0.20mm PVC	
Operating Temperature	For PVC Jacket: -15°C to 75°C	For PVC Jacket: -15°C to 75°C	For PVC Jacket: -15°C to 75°C	
<b>Electrical Properties</b>				
Nominal Impedance (Ω)	50±2	50±2	50±2	
Nominal Capacitance (pF/m)	80	75	75	
DC Resistance of Central Conductor (Ω/km)	≤26.5	≤11.6	≤4.58	
DC Resistance of External Conductor (Ω/km)	≤15.2	≤13.9	≤10.5	
Attenuation [@20°C]	30MHz	7.21dB max./100m	4.92dB max./100m	2.95dB max./100m
	50MHz	8.85dB max./100m	6.23dB max./100m	3.61dB max./100m
	150MHz	15.08dB max./100m	10.49dB max./100m	5.57dB max./100m
	220MHz	18.36dB max./100m	12.79dB max./100m	6.89dB max./100m
	450MHz	26.23dB max./100m	18.03dB max./100m	9.51dB max./100m
	900MHz	37.05dB max./100m	25.57dB max./100m	13.44dB max./100m
	1500MHz	48.20dB max./100m	33.11dB max./100m	17.38dB max./100m
	1800MHz	53.11dB max./100m	36.39dB max./100m	19.34dB max./100m
	2000MHz	56.07dB max./100m	38.36dB max./100m	20.33dB max./100m
	2500MHz	62.95dB max./100m	42.95dB max./100m	22.95dB max./100m
5800MHz	101.97dB max./100m	67.54dB max./100m	36.07dB max./100m	

Physical Characteristics	RG58 Mini	
Center Conductor:	1.02±0.01mm Bare Copper	
Dielectric:	2.95±0.10mm Foamed PE	
Shielding	Bonded AL Foil	
Braiding	7 x 16 x 0.12mm Tinned Copper Coverage 90%	
Jacket	5.0±0.20mm PVC	
Operating Temperature	For PVC Jacket: -15°C to 75°C	
<b>Electrical Properties</b>		
Nominal Impedance (Ω)	50±2	
Nominal Capacitance (pF/m)	82	
DC Resistance of Central Conductor (Ω/km)	≤25.6	
Return Loss 30-1000MHz	>18dB	
Attenuation [@20°C]	30MHz	6.4dB max./100m
	50MHz	8.1dB max./100m
	100MHz	12.2dB max./100m
	150MHz	14.0dB max./100m
	220MHz	17.2dB max./100m
	450MHz	24.7dB max./100m
	900MHz	35.1dB max./100m
1000MHz	40.5dB max./100m	

Physical Characteristics	RG213	
Center Conductor:	7x0.70mm Bare Copper	
Dielectric:	7.24±0.15mm Solid PE	
Braiding	8 x 24 x 0.16mm Tinned Copper Coverage 95%	
Jacket	10.30±0.20mm PVC	
Operating Temperature	For PVC Jacket: -15°C to 75°C	
<b>Electrical Properties</b>		
Nominal Impedance (Ω)	50±3	
Nominal Capacitance (pF/m)	100	
DC Resistance of Central Conductor (Ω/km)	≤6.0	
DC Resistance of External Conductor (Ω/km)	≤4.0	
Attenuation [@20°C]	5MHz	1.63dB max./100m
	50MHz	5.01dB max./100m
	100MHz	6.84dB max./100m
	200MHz	10.40dB max./100m
	400MHz	15.50dB max./100m
	600MHz	19.80dB max./100m
	800MHz	22.50dB max./100m
1000MHz	26.23dB max./100m	

## The **BLACK POINTER** LPDA Antenna

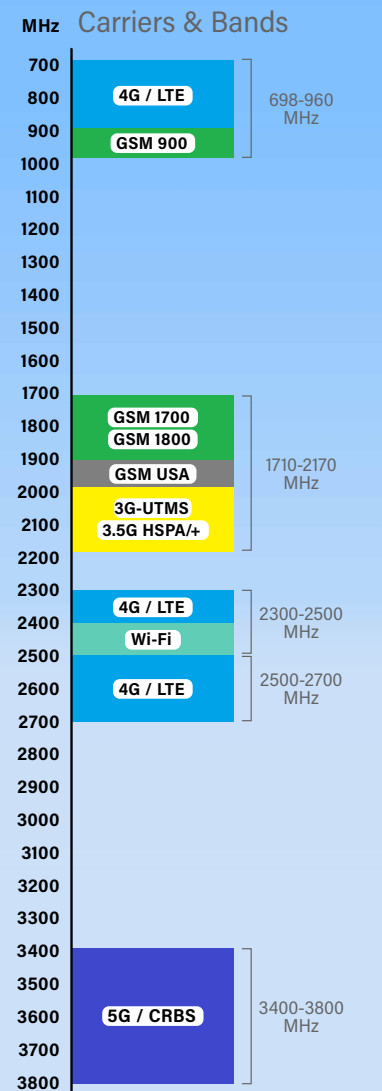
3G/4G/5G, Wi-Fi & LTE compatible

Coming soon



### Pointing to Wireless Connectivity

- Unique LPDA design made with patented BoomLock™ technology
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- Matched diplexer PCB balun, ultrasonically sealed
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- Australian Designed, Made and Owned
- Limited lifetime manufacturer warranty



## 4G WI-FI LPDA Antenna

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- Aluminium alloy element with weatherproof ABS radome
- 300m cable with N-Type female connector

## 3G/4G/5G LPDA Yagi Antenna

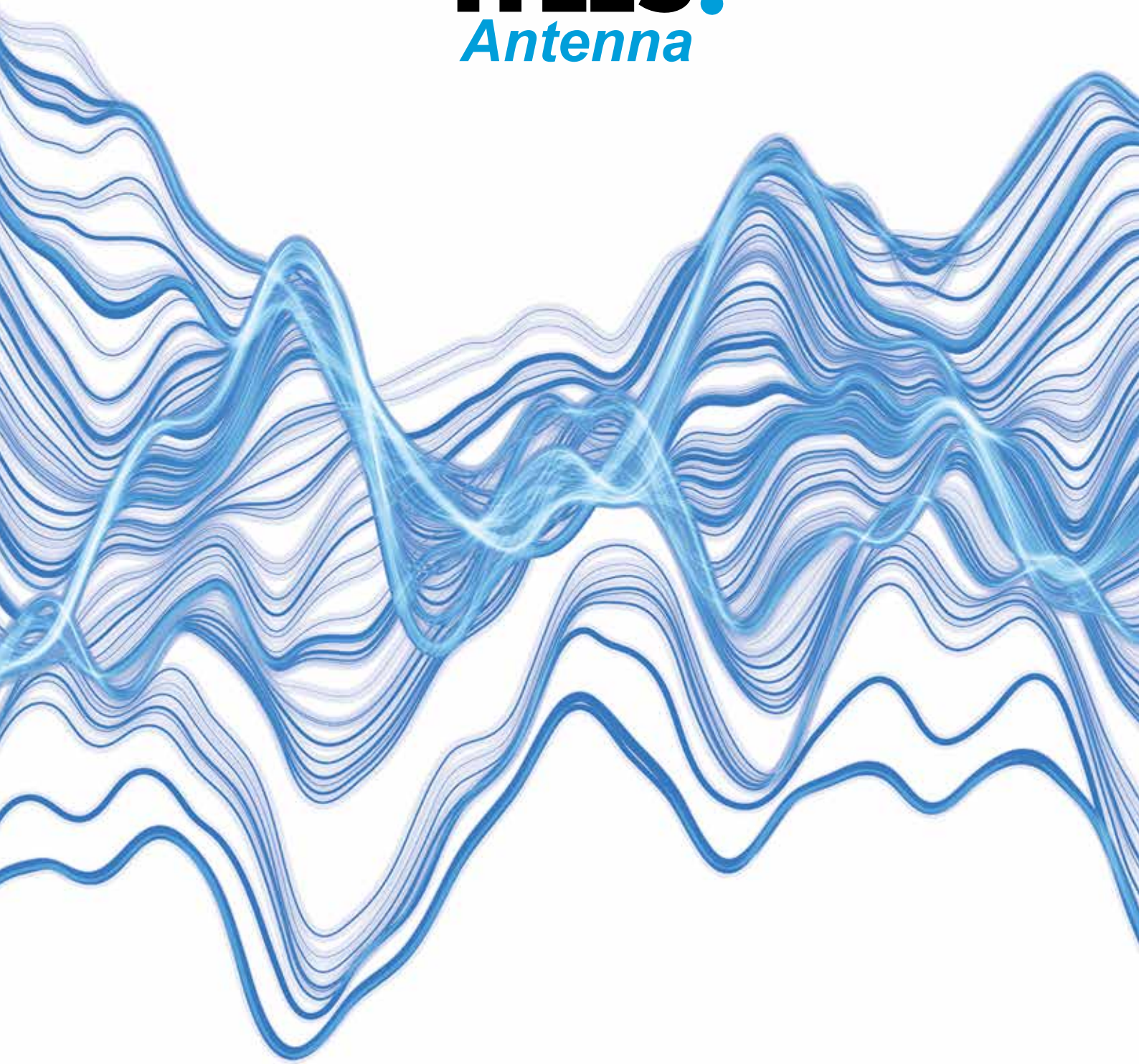
01RHLPDA



- 14dBi gain LPDA Yagi Antenna with a 698-960/1710-4000MHz frequency range
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- Strong ALuminium construction
- RG141 300mm cable with N-Type female connector



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