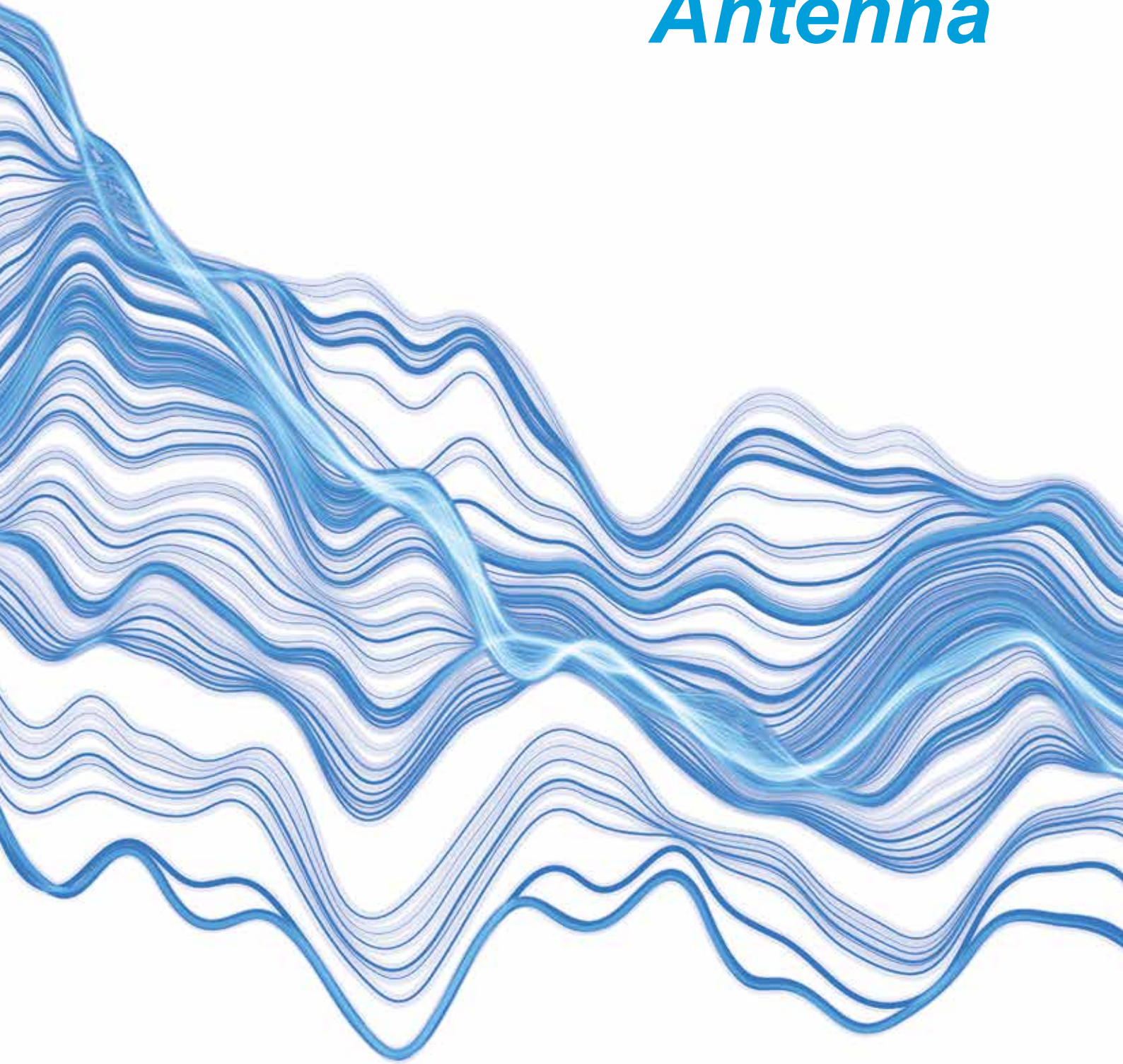


HILLS.TM *Antenna*



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 lead 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

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N-TYPE CONNECTORS



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 #	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 #	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



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 #	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

	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 #	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 #	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



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 #	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

Stripping
cables?



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

BC85422



BC85421



N-TYPE LEADS

LL195 COAX CABLE

N-TYPE
MALE



N-TYPE
MALE



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
BC85333	2m	N-Type Male	N-Type Male	LL195 Coax Cable
BC85334	3m	N-Type Male	N-Type Male	LL195 Coax Cable
BC85335	5m	N-Type Male	N-Type Male	LL195 Coax Cable
BC85336	10m	N-Type Male	N-Type Male	LL195 Coax Cable
BC85337	15m	N-Type Male	N-Type Male	LL195 Coax Cable

LL240 COAX CABLE

N-TYPE
MALE



N-TYPE
MALE



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
BC85338	2m	N-Type Male	N-Type Male	LL240 Coax Cable
BC85339	3m	N-Type Male	N-Type Male	LL240 Coax Cable
BC85340	5m	N-Type Male	N-Type Male	LL240 Coax Cable
BC85341	10m	N-Type Male	N-Type Male	LL240 Coax Cable
BC85342	15m	N-Type Male	N-Type Male	LL240 Coax Cable
BC85343	20m	N-Type Male	N-Type Male	LL240 Coax Cable
BC85344	25m	N-Type Male	N-Type Male	LL240 Coax Cable

LL400 COAX CABLE

N-TYPE
MALE



N-TYPE
MALE



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
BC85345	3m	N-Type Male	N-Type Male	LL400 Coax Cable
BC85346	5m	N-Type Male	N-Type Male	LL400 Coax Cable
BC85347	10m	N-Type Male	N-Type Male	LL400 Coax Cable
BC85348	15m	N-Type Male	N-Type Male	LL400 Coax Cable
BC85349	20m	N-Type Male	N-Type Male	LL400 Coax Cable
BC85350	25m	N-Type Male	N-Type Male	LL400 Coax Cable
BC85351	30m	N-Type Male	N-Type Male	LL400 Coax Cable
BC85352	50m	N-Type Male	N-Type Male	LL400 Coax Cable

LL240 COAX CABLE

N-TYPE
FEMALE



N-TYPE
FEMALE



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
BC85407	10m	N-Type Female	N-Type Female	LL240 Coax Cable
BC85408	15m	N-Type Female	N-Type Female	LL240 Coax Cable
BC85409	20m	N-Type Female	N-Type Female	LL240 Coax Cable
BC85410	25m	N-Type Female	N-Type Female	LL240 Coax Cable

LL400 COAX CABLE

N-TYPE
FEMALE



N-TYPE
FEMALE



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
BC85411	10m	N-Type Female	N-Type Female	LL400 Coax Cable
BC85412	15m	N-Type Female	N-Type Female	LL400 Coax Cable
BC85413	20m	N-Type Female	N-Type Female	LL400 Coax Cable
BC85414	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)



N-TYPE/FME LEADS

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
BC85378	2m	N-Type Male	FME Female	LL195 Coax Cable
BC85379	3m	N-Type Male	FME Female	LL195 Coax Cable
BC85380	5m	N-Type Male	FME Female	LL195 Coax Cable
BC85381	10m	N-Type Male	FME Female	LL195 Coax Cable
BC85382	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
BC85383	2m	N-Type Male	FME Female	LL240 Coax Cable
BC85384	3m	N-Type Male	FME Female	LL240 Coax Cable
BC85385	5m	N-Type Male	FME Female	LL240 Coax Cable
BC85386	10m	N-Type Male	FME Female	LL240 Coax Cable
BC85387	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
BC85390	5m	N-Type Male	FME Female	LL400 Coax Cable
BC85391	10m	N-Type Male	FME Female	LL400 Coax Cable
BC85392	15m	N-Type Male	FME Female	LL400 Coax Cable
BC85393	20m	N-Type Male	FME Female	LL400 Coax Cable
BC85394	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
BC85314	1m	N-Type Male	SMA Male	LL195 Coax Cable
BC85315	2m	N-Type Male	SMA Male	LL195 Coax Cable
BC85316	5m	N-Type Male	SMA Male	LL195 Coax Cable
BC85317	10m	N-Type Male	SMA Male	LL195 Coax Cable
BC85318	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
BC85319	1m	N-Type Male	SMA Male	LL240 Coax Cable
BC85320	2m	N-Type Male	SMA Male	LL240 Coax Cable
BC85321	5m	N-Type Male	SMA Male	LL240 Coax Cable
BC85322	10m	N-Type Male	SMA Male	LL240 Coax Cable
BC85323	15m	N-Type Male	SMA Male	LL240 Coax Cable
BC85324	20m	N-Type Male	SMA Male	LL240 Coax Cable
BC85325	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
BC85360	3m	N-Type Male	SMA Male	LL400 Coax Cable
BC85361	5m	N-Type Male	SMA Male	LL400 Coax Cable
BC85362	10m	N-Type Male	SMA Male	LL400 Coax Cable
BC85363	15m	N-Type Male	SMA Male	LL400 Coax Cable
BC85364	20m	N-Type Male	SMA Male	LL400 Coax Cable

SMA/UHF LEADS

LL195 COAX CABLE

SMA
MALE



SMA
MALE



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
BC85365	2m	SMA Male	SMA Male	LL195 Coax Cable
BC85366	3m	SMA Male	SMA Male	LL195 Coax Cable
BC85367	5m	SMA Male	SMA Male	LL195 Coax Cable
BC85368	10m	SMA Male	SMA Male	LL195 Coax Cable
BC85369	15m	SMA Male	SMA Male	LL195 Coax Cable
BC85370	20m	SMA Male	SMA Male	LL195 Coax Cable

LL195 COAX CABLE

SMA
FEMALE



SMA
MALE



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
BC85326	1m	SMA Female	SMA Male	LL195 Coax Cable
BC85327	2m	SMA Female	SMA Male	LL195 Coax Cable
BC85328	3m	SMA Female	SMA Male	LL195 Coax Cable
BC85329	5m	SMA Female	SMA Male	LL195 Coax Cable
BC85330	10m	SMA Female	SMA Male	LL195 Coax Cable
BC85331	15m	SMA Female	SMA Male	LL195 Coax Cable
BC85332	20m	SMA Female	SMA Male	LL240 Coax Cable

LL400 COAX CABLE

UHF
MALE



UHF
MALE



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
BC85371	2m	UHF Male	UHF Male	LL400 Coax Cable
BC85372	3m	UHF Male	UHF Male	LL400 Coax Cable
BC85373	5m	UHF Male	UHF Male	LL400 Coax Cable
BC85374	10m	UHF Male	UHF Male	LL400 Coax Cable
BC85375	15m	UHF Male	UHF Male	LL400 Coax Cable
BC85376	20m	UHF Male	UHF Male	LL400 Coax Cable
BC85377	25m	UHF Male	UHF Male	LL400 Coax Cable

LL195 COAX CABLE

BNC
MALE



BNC
MALE



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
BC85353	1m	BNC Male	BNC Male	LL195 Coax Cable
BC85354	2m	BNC Male	BNC Male	LL195 Coax Cable
BC85355	3m	BNC Male	BNC Male	LL195 Coax Cable
BC85356	5m	BNC Male	BNC Male	LL195 Coax Cable
BC85357	10m	BNC Male	BNC Male	LL195 Coax Cable
BC85358	15m	BNC Male	BNC Male	LL195 Coax Cable
BC85359	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"> • Double shielded with bonded foil and annealed tinned copper braid • Frequency Range DC-6GHz and 77% Velocity Propagation 	<ul style="list-style-type: none"> • Annealed tinned copper outer braid, bare copper inner • Solid PE Inner Insulation • Ultra flexible 	



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	
Features	<ul style="list-style-type: none"> • Double shielded with bonded foil and annealed tinned copper braid • Equivalent to LMR195 CLF195 	<ul style="list-style-type: none"> • Double shielded with bonded foil and annealed tinned copper braid • Equivalent to LMR240 CLF240 • Frequency Range DC-8 GHz and 83% Velocity Propagation 		<ul style="list-style-type: none"> • Double shielded with bonded foil and annealed tinned copper braid • Equivalent to LMR400 CLF400 • Frequency Range DC-16 GHz and 85% Velocity Propagation 	

COAX CABLE SPECIFICATIONS

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
Electrical Properties				
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
Electrical Properties		
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
Electrical Properties		
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

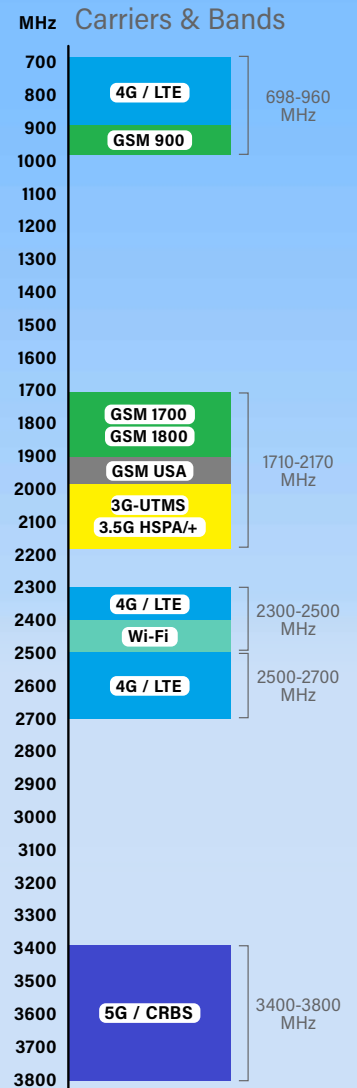
3G/4G/5G, Wi-Fi
& LTE compatible

Coming soon



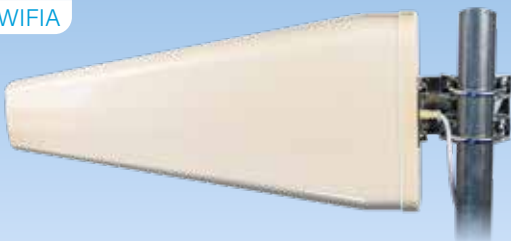
Pointing to Wireless Connectivity

- Unique LPDA design made with patented BoomLock™ technology
- Sensational black finish for appearance and corrosion protection
- Class 3, Plated Steel mounting clamp hardware & fasteners
- 0°, 90°, -45°, +45°, polarisation mounting clamp
- Matched diplexer PCB balun, ultrasonically sealed
- N-Type connector output with cable sealing boot (4.3-10 Optional)
- Size 195/240/400 coaxial cable hangers
- Australian Designed, Made and Owned
- Limited lifetime manufacturer warranty



4G WI-FI LPDA Antenna

01GWIFIA



- 11dBi gain LPDA Directional Antenna with a 698-960/1710-2700MHz frequency range
- 50° horizontal & 50° vertical beam-width polarisation
- Suits all bands - all carriers: 4GX, 4G, 3G, nextG & GSM 700/850/900/1800/2300/2600 including 2.4GHz Wi-Fi mobile broadband and mobile phone
- Aluminium alloy element with weatherproof ABS radome
- 300m cable with N-Type female connector

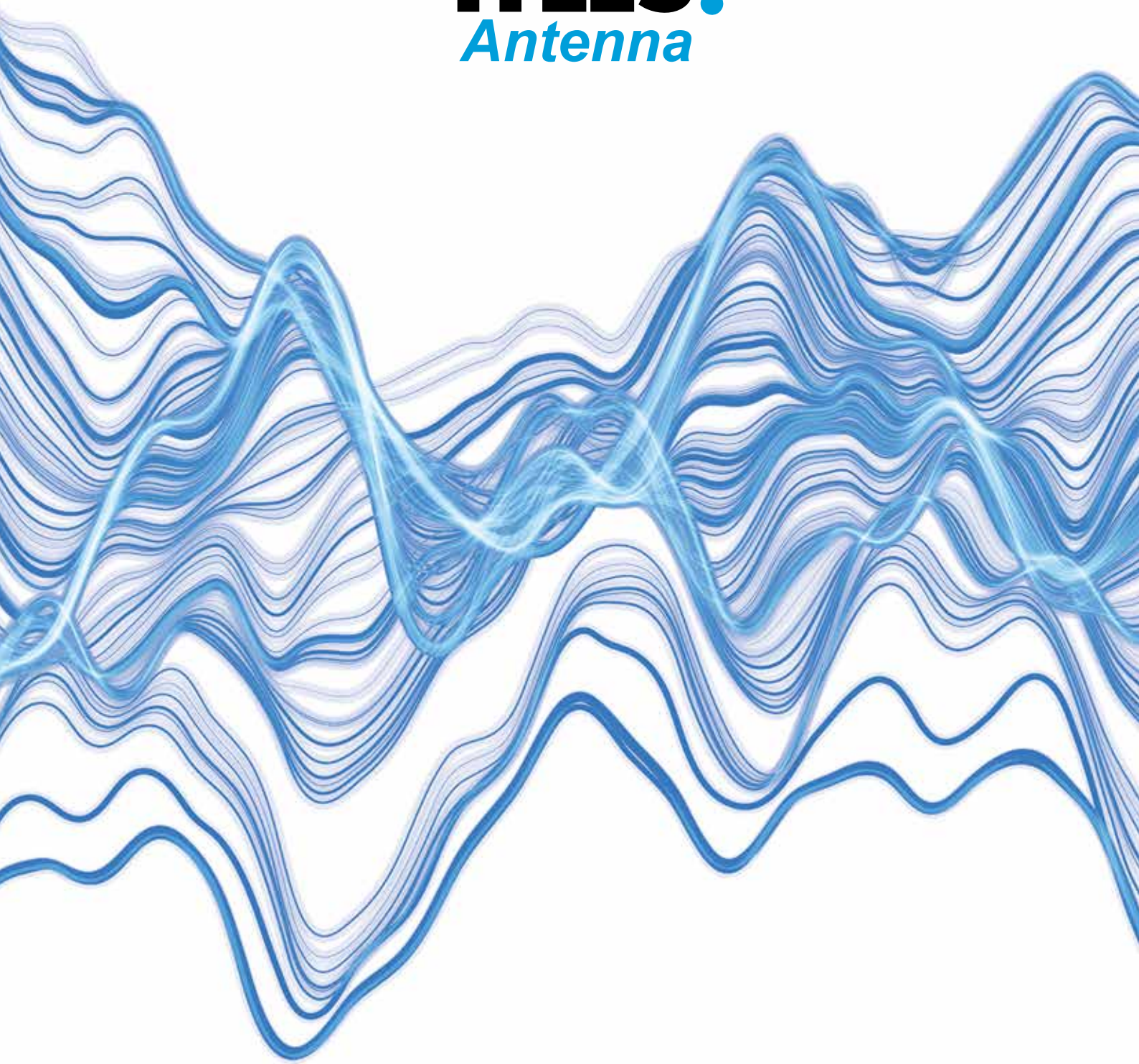
3G/4G/5G LPDA Yagi Antenna

01RHLFDA



- 14dBi gain LPDA Yagi Antenna with a 698-960/1710-4000MHz frequency range
- An external antenna which can be used to improve reception in poor 3G, 4G & 5G signals for any mobile network, in any area
- Strong ALuminium construction
- RG141 300mm cable with N-Type female connector

HILLS.TM *Antenna*



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