



ROJONE[®]
PTY. LTD.



Survey Product Guide Radio Communications



SURVEY PRODUCT GUIDE RADIO COMMUNICATIONS

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Introduction

Rojone is pleased to present our dedicated survey industry radio communications catalogue.

Not only has Rojone produced high quality radio communications antennas and accessories since 1981, we have also strategically teamed with Satel Finland to offer the Australian & New Zealand Survey Market high reliability, high performance industry compliant Radio Modems.

This catalogue showcases our most popular survey industry products. Many of the antennas and mountings are mature designs, evolved over many years of collaboration with customers' input.

Our products not only provide exceptional electrical performance, they are noted for their superior mechanical ruggedness and reliability for harsh operational conditions of the survey industry.

While we already have a comprehensive range of products, Rojone has an impressive R & D division capable of custom development should new applications arise. Please feel free to speak to one of our representatives for any specific requirements you may have.

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RADIO MODEMS & KITS

Rojone is proud to be Satel Finland's exclusive Australian/New Zealand Radio Modem representative. Satel's Radio Modems offer superior reliability & performance making them the modem of choice for challenging and diverse applications.



SAT EASY Pro Pack	SAT EASY Pro 5W Pack	SAT EASY Pro 5W Pack L	SAT EASY Pro 5W SAE Pack	SAT EASY Pro 5W SAEPK- CA Pack	SAT EASY Pro 35W SAE Pack	SAT EASY Pro 35W SAEPK- CA Pack
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SAT-EASYPRO-5W		✓	✓	✓	✓	
SAT-EASYPRO-35W	✓				✓	✓
SAT-CRS-35W (YC0369-INTERFACE)	✓	✓		✓	✓	
SAT-CRS-35W-8PIN (YC0359-INTERFACE)			✓		✓	✓
SAT-NARS-LC (YC0220-INTERFACE)						
SAT-PROG-35W-8PIN (YC0363-PROGRAM)	✓	✓		✓	✓	
SAT-NARS-1F-4A-SC (YC0210-PROGRAM)			✓		✓	✓
SAT-NARS-ST (YC0240-PROGRAM)			✓		✓	✓
SAT-C-P-35W-2M (YC0355-POWER)						
SAT-C-P-35W-3M (YC0353-POWER)	✓	✓	✓		✓	✓
SAT-C-P-SAE-4PIN (YC0352-SAE PWR)				✓	✓	
SAT-EASY-CARRY-BAG				✓		✓

Part No.	Description
SAT-EASY-ND	1W RADIO IP41 MODEM, NO DISPLAY
SAT-EASY-D	1W RADIO WITH LCD SCREEN, IP41, D15/TNCF (YM6550)
SAT-EASY-D-HD	1W RADIO WITH LCD SCREEN, IP67
SAT-EASYPRO-5W	5W RADIO ONLY, IP67
SAT-EASYPRO-5W-PACK	5W RADIO COMPLETE WITH INTERFACE, PROGRAMMING & POWER CABLES, IP67
SAT-EASYPRO-5W-PACK-L	5W RADIO PACK WITH YC0359 INTERFACE, YC0353 POWER CABLE, YC0210 PROGRAMMING CABLE, YC0240 PROGRAMMING CABLE
SAT-EASYPRO-5WSAEPACK	5W RADIO PACK WITH SAE CONNECTOR POWER CABLE, IP67, PROGRAMMING & INTERFACE CABLES
SAT-EASYPRO-5WSAEPKCA	5W RADIO PACK WITH IP67, YC0359 INTERFACE CABLE, YC0210 PROGRAMMING CABLE W/ RS232 POWER, YC0240 PROGRAMMING CABLE, YC0353 POWER CABLE, WITH CARRY BAG
SAT-3ASD-EPIC	10W RADIO WITH LCD SCREEN, IP41, D15/TNCF, NO COOLING FINS
SAT-EASYPRO-35W	35W RADIO ONLY, IP67
SAT-EASYPRO-PACK	35W RADIO COMPLETE WITH INTERFACE, PROGRAMMING & POWER CABLES
SAT-EASYPRO-35WSAEPK	35W RADIO PACK WITH SAE CONNECTOR POWER CABLE, IP67, PROGRAMMING & INTERFACE CABLES
SAT-EASYPRO-35WSAEPKC	35W RADIO PACK WITH IP67, YC0359 INTERFACE CABLE, YC0210 PROGRAMMING CABLE W/ RS232 POWER, YC0240 PROGRAMMING CABLE, YC0353 POWER CABLE, WITH CARRY BAG



ANTENNAS

Rojone is one of Australia's leading Antenna designers & manufacturers. Our mobile radio antenna range started in the late 70's at the height of the CB and two-way radio boom. The demand for quality antennas suitable for the unique Australian environment was not satisfied by imported products, leading Rojone to develop the innovative range of antennas and accessories presented to you in this catalogue.

					
A-NMO4503CS	A-326-460	A-337-460-HD	A-337-460-HD-QW	A-338-460-HD	A-380-06603A120-09
					
A-380-06603A800-09	A-380SP-HD-28A500-460	A-NMOWB450C	A-PKG-9050-04B	A-RJ-30-050503-01	A-409-24H-915-HD
					
A-RJ-30-030012-01	A-409-03A-NG-HD	API-ANT-475-14A	A-CD822MAG-5N	A-CD822MAG-5FMEMAD	L-LPT2400NMOF

ANTENNAS (Cont'd)

Part No.	Description
A-NMO4503CS	450-470 MHz, BASE LOADED 5/5 WAVE, 3dB, 5.14dBi ANTENNA
A-326-460	460 MHz, GROUND INDEPENDENT 6dB ANTENNA
A-337-460-HD	460 MHz, HEAVY DUTY ANTENNA, BNC BASE PLUG
A-337-460-HD-QW	460 MHz, HEAVY DUTY 1/4 WAVE, BNC BASE PLUG
A-338-460-HD	460 MHz, HEAVY DUTY ANTENNA, TNC BASE PLUG
A-380-06603A120-09	460 MHz, ELEVATED FEED 6dB ANTENNA, 1/2" 26TPI PAINTERS POLE MOUNT, 1.2MTRS LOW LOSS CABLE LMR195ULTRA, BNC MALE PLUG SUPPLIED SEPARATELY
A-380-06603A800-09	477 MHz, WHIP, 6dB ANTENNA, 1/2in 26TPI PAINTERS POLE MOUNT, 1.2MTRS CABLE, BNC MALE CONNECTOR
A-380SP-HD-28A500-460	460 MHz, ELEVATED FEED 6dB ANTENNA, SPRING BASED, 5MTR LOW LOSS CABLE LMR240ULTRA, FME CONNECTOR, FME-UHF ADAPTOR
A-NMOWB450C	460 MHz, WHIP, NMO BASE FIELD TUNABLE 3.5-5.6 dBi 9900-1068
A-PKG-9050-04B	460 MHz, WHIP (NMOWB450C) & MOUNT (NMOMMRREVTEC) KIT
A-RJ-30-050503-01	460 MHz, HEAVY DUTY WHIP, BNC MALE BASE
A-409-24H-915-HD	915 MHz, HEAVY DUTY ANTENNA, TNC MALE REVERSE POLARITY BASE CONNECTOR
A-RJ-30-030012-01	915 MHz, HEAVY DUTY WHIP, TNC MALE REVERSE BASE
A-409-03A-NG-HD	NEXT G, HEAVY DUTY ANTENNA, BNC MALE BASE
API-ANT475-14A	NEXT G, GLASS MOUNT ANTENNA, N MALE CONNECTOR ON CABLE TAIL
A-CD822MAG-5N	NEXT G, MAGNETIC ANTENNA, N MALE CONNECTOR, 5MTR CABLE TAIL
A-CD822MAG-5FMEAD	NEXT G, MAGNETIC ANTENNA, FME MALE CONNECTOR WITH FME FEMALE TO N MALE ADAPTOR, 5MTR CABLE TAIL
L-LPT2400NMOF	2.4 GHz, 2 dBi ANTENNA, NMO BASE



ANTENNA MOUNTING ACCESSORIES

		
A-658-03A500	A-MB024SS	A-MB45
		
A-MB50	A-NMO38BASE	A-NMOMMRN
		
A-NMOMMRTNC	A-NMOMMRTNCREV	A-SO239BASE

Part No.	Description
A-658-03A500	BASE TO SUIT A-326-460 ANTENNA, 5MTR CABLE, BNC MALE PLUG
A-MB024SS	RIGHT ANGLE BULL BAR BRACKET
A-MB45	45mm 'WRAP AROUND' BULL BAR BRACKET
A-MB50	50mm 'WRAP AROUND' BULL BAR BRACKET
A-NMO38BASE	NMO ADAPTOR BASE, 5/8" THREAD POLE MOUNTING, 5MTRS CABLE, TNC MALE PLUG
A-NMOMMRN	NMO MAGNETIC BASE, LOW LOSS RG58, N MALE CONNECTOR
A-NMOMMRTNC	NMO MAGNETIC BASE, 4MTRS CABLE, TNC MALE CONNECTOR
A-NMOMMRTNCREV	NMO MAGNETIC BASE, 4MTRS CABLE, TNC MALE REVERSE CONNECTOR
A-SO239BASE	SO239 UHF FEMALE BASE, 5/8" THREAD POLE MOUNT, 5MTRS CABLE, TNC MALE PLUG



CABLE ASSEMBLIES

Rojone has been manufacturing and selling high quality cable assemblies since 1981. We offer a comprehensive range of locally manufactured assemblies noted for their high performance, low loss and reliability.

Assemblies are fully tested within our Ingleburn facilities to ensure the end product delivered to our customers not only meets but exceeds expectation.

Custom assemblies are also available. Please contact us with your requirements for a quote.



CA-9063-1073-30Y

Part No.	Description
CA-9063-1113	5FT (1.52MTR) PROGRAMMING ASSEMBLY, DEUTSCH RECTANGULAR MULTIPIN CONNECTOR, TO 3 X 9 WAY D SUB PLUG, SOCKET CONTACT, & VEHICLE CIGARETTE LIGHTER ADAPTOR
CA-9060-5921	5FT (1.52MTR) PROGRAMMING ASSEMBLY, MIL CIRCULAR 11 PIN PLUG, TO 9 WAY D SUB PLUG, SOCKET CONTACT, & VEHICLE CIGARETTE LIGHTER ADAPTOR
CA-9063-1069-15	15FT (4.57MTR) ANTENNA ASSEMBLY GPS ANT/MC CURLY CORD YELLOW
CA-9063-1036-20-ROJ	20FT (6MTR) ASSEMBLY LMR400ULTRA, N MALE PLUGS EACH END, BLACK SHRINK
CA-9063-1036-20Y-ROJ	20FT (6MTR) ASSEMBLY LMR400ULTRA, N MALE PLUGS EACH END, YELLOW SHRINK
CA-9063-1036-7M-A	23FT (7MTR) LMR-400ULTRA ASSEMBLY N MALE EACH END (CA-05913M13M700-0809)
CA-9063-1036-3M-TW	23FT (7MTR) TWINNED, KEVLAR SHEATHED N MALE EACH END, ONE BLACK SHEATH, ONE YELLOW SHEATH
CA-9063-1081-25	25FT (7.62MTR) ANTENNA ASSEMBLY DUAL GPS ANT/MC COIL CORD YELLOW
CA-9063-1069-25	25FT (7.62MTR) ANTENNA ASSEMBLY GPS ANT/MC COIL CORD YELLOW
CA-9063-1073-30Y	30FT (9.144MTR) RG213U ASSEMBLY N MALE EACH END, 110mm YELLOW SHRINK EACH END, DUST CAP AND CHAIN FITTED EACH END
CA-9063-1073-35	35FT (10.668MTR) RG213U ASSEMBLY N MALE EACH END, DUST CAP AND CHAIN FITTED EACH END



CONNECTORS

Rojone has been marketing RF Cables and Connectors for over 30 years. We are experts in our field, stocking over 40,000 line items. This catalogue provides a small selection of the most popular series (BNC, N, TNC & Adaptors) and styles used within the survey industry.

Should you not find a suitable connector, please contact us or refer to our website www.rojone.com.au

Adaptors

				
RO-BNCF-NM	RO-BNCF-TNCM	RO-BNCM-NF	RO-FM-NF	RO-NFBH-NM
				
RO-NFRA-NM	RO-NF-TNCM	RO-NM-M	RO-TNCF-F	

Part No.	Description
RO-BNCF-NM	BNC FEMALE-N MALE ADAPTOR
RO-BNCF-TNCM	BNC FEMALE-TNC MALE ADAPTOR
RO-BNCM-NF	BNC MALE-N FEMALE ADAPTOR
RO-FM-NF	F MALE-N FEMALE ADAPTOR
RO-NFBH-NM	N FEMALE-N MALE BULKHEAD ADAPTOR
RO-NFRA-NM	N FEMALE-N MALE RIGHT ANGLE ADAPTOR
RO-NF-TNCM	N FEMALE-TNC MALE ADAPTOR
RO-NM-M	N MALE-N MALE INLINE ADAPTOR
RO-TNCF-F	TNC FEMALE-TNC FEMALE ADAPTOR

BNC Series

		
RO-BNC58FC	RO-BNC58MC	RO-BNC400MC

Part No.	Description
RO-BNC58FC	BNC FEMALE CRIMP SUIT RG58
RO-BNC58MC	BNC MALE CRIMP SUIT RG58
RO-BNC400MC	BNC MALE CRIMP SUIT LMR-400

N Series

					
RO-N58FC	RO-N213FC	RO-N400FC	RO-N400FEZC	RO-N58MC	RO-N58MCRA
					
RO-N213MC	RO-N223MC	RO-N400MHC	RO-N400MHCRA	RO-N400MC	RO-N400MEZC

Part No.	Description
RO-N58FC	N FEMALE CRIMP SUIT RG58
RO-N213FC	N FEMALE CRIMP SUIT RG213U
RO-N400FC	N FEMALE CRIMP SUIT LMR-400
RO-N400FEZC	N FEMALE EZI CRIMP FOR LMR-400
RO-N58MC	N MALE CRIMP SUIT RG58
RO-N58MCRA	N MALE R/A CRIMP SUIT RG58
RO-N213MC	N MALE CRIMP SUIT RG213U
RO-N223MC	N MALE CRIMP SUIT RG223, RG142M, RG400
RO-N400MHC	N MALE HEX CRIMP SUIT LMR-400-ULTRA/LMR-400
RO-N400MHCRA	N MALE R/A HEX CRIMP SUIT LMR-400-ULTRA/LMR-400
RO-N400MC	N MALE CRIMP SUIT LMR-400
RO-N400MEZC	N MALE EZI CRIMP FOR LMR-400

TNC Series

		
RO-TNC58FC	RO-TNC58FBRC	RO-TNC400MC
		
RO-TNC58MC	RO-TNC58MRCRA	RO-TNC58MCRA

Part No.	Description
RO-TNC58FC	TNC FEMALE CRIMP SUIT RG58
RO-TNC58FBRC	TNC FEMALE REVERSE CRIMP BULKHEAD SUIT RG58
RO-TNC400MC	TNC MALE CRIMP SUIT LMR-400
RO-TNC58MC	TNC MALE CRIMP SUIT RG58
RO-TNC58MRCRA	TNC MALE R/A REVERSE CRIMP SUIT RG58
RO-TNC58MCRA	TNC MALE R/A CRIMP SUIT RG58

Other

			
MS3116-F12-3S	R-161853	R-280560	R-280570

Part No.	Description
MS3116-F12-3S	MIL CIRCULAR CONNECTORS
R-161853	N MALE DUSTCAP WITH CHAIN
R-280560	STRAIN RELIEF BOOTS BLACK SUIT RG174, RG316
R-280570	BOOTS BLACK SUIT RG58



HEAT SHRINKS, CABLE TIES & INSTALLATION ACCESSORIES

Rojone proudly distributes quality heat shrink and cable tie products manufactured by HellermannTyton.

You will also find in this section quality Amalgamating Tape, the same tape used widely within the cellular telecommunications base station market for waterproofing.

In addition, Times Microwave USA Lightning & Surge protection devices are also ideal for equipment protection in fixed installations. Again you will find our most popular lines listed in this catalogue.

We have a huge selection, so if it's not listed here, visit www.rojone.com.au, or call us with your specific requirements.

		
GLUE HEAT SHRINK	STANDARD SHRINK - OTHER COLOURS AVAILABLE	CABLE TIES
		
SELF-AMALGAMATING TAPE FOR WATERPROOFING	LIGHTNING/SURGE PROTECTORS	

Glue Heat Shrinks

Part No.	Description
HE-MA47-12-BK	12 mm / 3 mm GLUE SHRINK 1.22 METRE LENGTH
HE-MA47-19-BK	19 mm / 6 mm GLUE SHRINK 1.22 METRE LENGTH
HE-MA47-30-BK	30 mm / 8 mm GLUE SHRINK 1.22 METRE LENGTH
HE-MA47-40-BK	40 mm / 12 mm GLUE SHRINK 1.22 METRE LENGTH
HE-MA47-50-BK	50 mm / 16 mm GLUE SHRINK 1.22 METRE LENGTH
HE-MA47-63-BK	63 mm / 19 mm GLUE SHRINK 1.22 METRE LENGTH
HE-MA47-75-BK	75 mm / 22 mm GLUE SHRINK 1.22 METRE LENGTH
HE-MA47-95-BK	95 mm / 30 mm GLUE SHRINK 1.22 METRE LENGTH
HE-MA47-115-BK	115 mm / 34 mm GLUE SHRINK 1.22 METRE LENGTH
HE-MA47-140-BK	140 mm / 42 mm GLUE SHRINK 1.22 METRE LENGTH

Standard Heat Shrinks – Colours

Part No.	Description
KUHS-225G-1.2-BK	1.4 mm STANDARD SHRINK - OTHER COLOURS AVAILABLE
KUHS-225G-1.5-BK	2.0 mm STANDARD SHRINK - OTHER COLOURS AVAILABLE
KUHS-225G-2-BK	2.5 mm STANDARD SHRINK - OTHER COLOURS AVAILABLE
KUHS-225G-3-BK	3.4 mm STANDARD SHRINK - OTHER COLOURS AVAILABLE
KUHS-225G-4.5-BK	5.0 mm STANDARD SHRINK - OTHER COLOURS AVAILABLE
KUHS-225G-5-BK	5.6 mm STANDARD SHRINK - OTHER COLOURS AVAILABLE
KUHS-225G-6-BK	6.5 mm STANDARD SHRINK - OTHER COLOURS AVAILABLE
KUHS-225G-9-BK	9.8 mm STANDARD SHRINK - OTHER COLOURS AVAILABLE
KUHS-225G-12-BK	12.5 mm STANDARD SHRINK - OTHER COLOURS AVAILABLE
KUHS-225G-15-BK	15.6 mm STANDARD SHRINK - OTHER COLOURS AVAILABLE
KUHS-225G-18-BK	19.0 mm STANDARD SHRINK - OTHER COLOURS AVAILABLE
KUHS-225G-25-BK	25.0 mm STANDARD SHRINK - OTHER COLOURS AVAILABLE
KUHS-225G-30-BK	31.0 mm STANDARD SHRINK - OTHER COLOURS AVAILABLE
KUHS-225G-38-BK	39.0 mm STANDARD SHRINK - OTHER COLOURS AVAILABLE
KUHS-225G-50-BK	51.0 mm STANDARD SHRINK - OTHER COLOURS AVAILABLE

Cable Ties & Installation Accessories

Part No.	Description
152-3.5W	CABLE TIES WEATHERPROOF 152 X 3.5 mm PKT OF 100
202-4.7W	CABLE TIES WEATHERPROOF 202 X 4.7 mm PKT OF 100
301-4.8W	CABLE TIES WEATHERPROOF 301 X 4.8 mm PKT OF 100
382-7.5W	CABLE TIES WEATHERPROOF 382 X 7.55 mm PKT OF 100
API-100082	SCAPA AMALAGAMATING TAPE, 25 mm X 10 MTRS
TC-LP-GTRNFF	LIGHTNING ARRESTORS N FEMALE-N FEMALE



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