BATTLE-TESTED

STAR-PAN™

Radio cables and adapters

STAR-PAN RADIO CABLES AND ADAPTERS

Part No.	NATO Stock No. NSN	Description	Page No.
808-087		AN/PRC-117F Radio Cable (PAN Port)	49
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808-088	5995-01-692-0106	AN/PRC-117G Radio Cable (PAN Port)	51
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808-166		AN/PRC-161 BATS-D Radio Adapter	60
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TS1-003		Silvus SC4200 Radio Data Cable, AUX port	78
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RADIO

SPECIFICATIONS

- For interconnection of referenced radio types to STAR-PAN power / data hubs
- Synchronous Serial Interface (SSI) Data Downlink Adapter Cable
- Santoprene jacketed cable, black
- Ergonomic overmolding
- Mighty Mouse 807 (NATO standard) connector and PRC 117F connector
- Weight, 36" cable: (consult factory)
- Export classification: ECCN 3A611.x
- PAN port connection

**AN/PRC-117F,
AN/PRC-150, RF-5800H,
RF-7800H-MP Radio Cable**

HOW TO ORDER

Sample Part Number:	808-087	R	-32
Cable Series	AN/PRC / RF Radio Data Adapter Cable		
Data Connector Angle	**R** = Right angle data connector		
	Omit = standard straight data connector		
Length Designator	In inches		
	Omit for default length of 36.00"		

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
PAN

OVERALL LENGTH "L"

(2.65)

10.00 INCHES
(+1.00/-0.00)

SHRINK MARKER
M23053/5 COVERED WITH
M23053/18 (CLEAR)

(P/N) REV *
S/N: XXXXX
GLENAIR YYWW
06324

P1

PRC 117F J3 MATING CONNECTOR,
TACTICAL ENG PN: CONN-MC2127
BACKSHELL PN: 447FS523M16

SANTOPRENE JACKETED CABLE
BLACK

TPE/TPV
OVERMOLD

MASTER KEY

P2

(2.00)

MASTER
KEY

RIGHT ANGLE
OVERMOLDED
DATA CONNECTOR

GLENAIR CONNECTOR
8070-1676-06ZNU6-6PY
PIN 2 IS FMLB

OA LENGTH REF.

STRAIGHT CABLE
OVERMOLDED
DATA CONNECTOR

P1
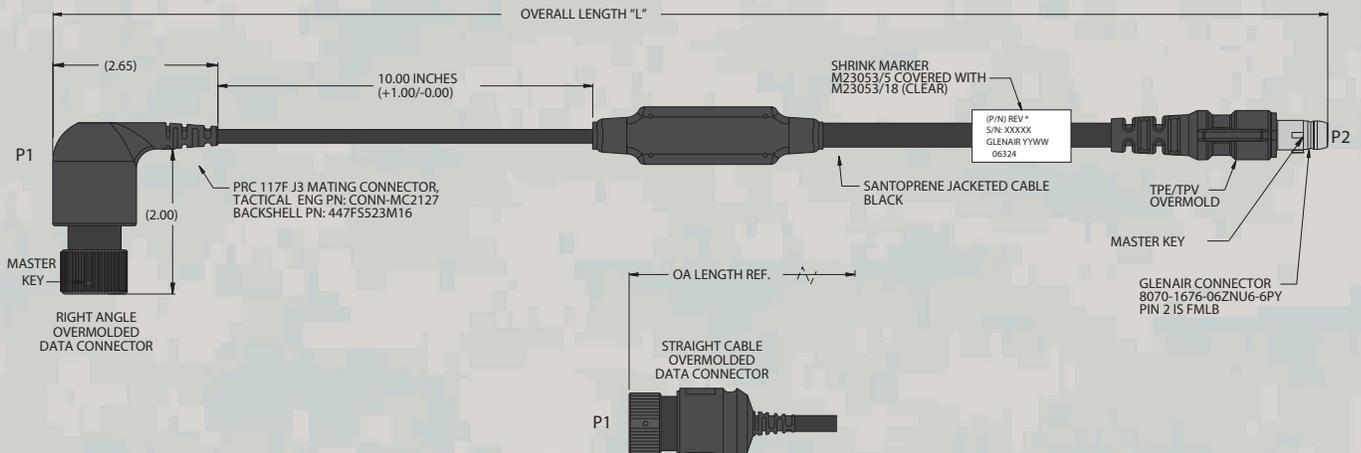
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Radio cables and adapters
808-035 AN/PRC-117G Radio Cable

STAR-PAN™

RADIO CABLES AND ADAPTERS

AN/PRC-117G, AN/PRC-160 RF-7800M-MP, RF7800H-MP Radio Cable

SPECIFICATIONS

- For interconnection of referenced man-pack radio type to STAR-PAN power / data hubs
- Nomex® braided wire protection, olive drab. Consult factory for other cable finish options
- Overmolded, ergonomic connector strain reliefs, desert tan
- Mighty Mouse 807 (NATO standard) connector and J4 Radio connector
- Weight, 32" cable: 90g
- Export classification: ECCN 3A611.x

HOW TO ORDER

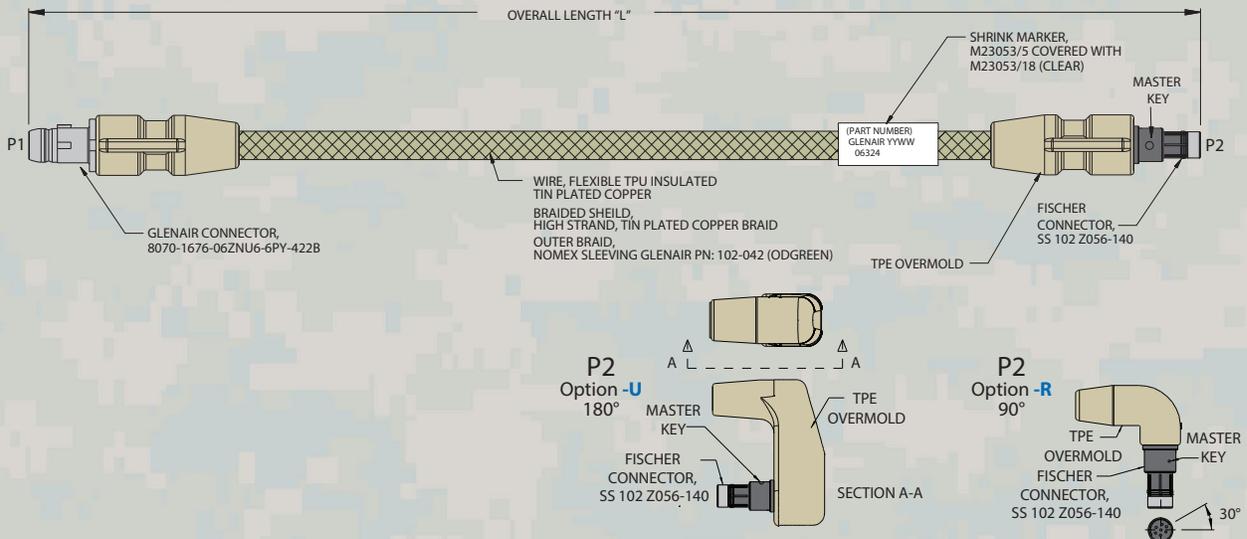| Sample Part Number:	808-035		-24
Cable Series	AN/PRC-117G Radio Adapter Cable		
P2 Angle Option	**-R** = Right Angle **-U** = 180° **Omit** for straight (default)		
Length Designator	In inches (6.00" min.) **Omit for default length of 32.00"**		

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
RADIO

OVERALL LENGTH "L"

MASTER KEY — P1

(6.00)

GLENAIR CONNECTOR, 8070-1675-01ZNU6-6SY — TPE OVERMOLD

5V REGUALTOR TPE OVERMOLD

SHRINK MARKER, M23053/5 COVERED WITH M23053/18 (CLEAR)

(PART NUMBER) GLENAIR YYWW 06324

TPE OVERMOLD

FISCHER CONNECTOR, SS 102 Z056-140

MASTER KEY — P2

P2 Option **-U** 180°

MASTER KEY

TPE OVERMOLD

FISCHER CONNECTOR, SS 102 Z056-140

SECTION A-A

P2 Option **-R** 90°

TPE OVERMOLD

MASTER KEY

FISCHER CONNECTOR, SS 102 Z056-140

30°

BATTLE-TESTED

STAR-PAN™

Radio cables and adapters
808-088 AN/PRC-117G PAN Port Radio Cable

RADIO

SPECIFICATIONS

- For interconnection of referenced man-pack radio type to STAR-PAN power / data hubs
- Nomex® braided wire protection, olive drab. Consult factory for other cable finish options
- Overmolded, ergonomic connector strain reliefs, desert tan
- Mighty Mouse 807 (NATO standard) connector and J4 Radio connector.
- Weight, 32" cable: 90g
- Export classification: ECCN 3A611.x
- PAN Port connection

**AN/PRC-117G, AN/PRC-160
RF-7800M-MP,
RF7800H-MP
Radio Cable**

HOW TO ORDER

Sample Part Number:	808-088		-36
Cable Series	AN/PRC-117G / RF7800 Radio Adapter Cable		
P2 Angle Option	**-R** = Right Angle **-U** = 180° **Omit** for straight (default)		
Length Designator	In inches (6.00" min.) **Omit for default length of 32.00"**		

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
PAN

OVERALL LENGTH "L"

SHRINK MARKER,
M23053/5 COVERED WITH
M23053/18 (CLEAR)

MASTER
KEY

P1

(PART NUMBER)
GLENAIR YYWW
06324

P2

WIRE, FLEXIBLE TPU INSULATED
TIN PLATED COPPER

BRAIDED SHEILD,
HIGH STRAND, TIN PLATED COPPER BRAID

OUTER BRAID,
NOMEX SLEEVING GLENAIR PN: 102-042 (ODGREEN)

FISCHER
CONNECTOR,
SS 102 Z056-140

GLENAIR CONNECTOR,
8070-1676-06ZNU6-6PY-422B

TPE OVERMOLD

P2
Option **-U**
180°

A ──── A

MASTER
KEY

TPE
OVERMOLD

FISCHER
CONNECTOR,
SS 102 Z056-140

SECTION A-A

P2
Option **-R**
90°

TPE
OVERMOLD

MASTER
KEY

FISCHER
CONNECTOR,
SS 102 Z056-140

30°

STAR-PAN™

Radio cables and adapters

808-039 AN/PRC-148 JEM Radio Adapter

STAR-PAN™

AN/PRC-148 JEM Radio Adapter

SPECIFICATIONS

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Nomex® braided wire protection, olive drab. Consult factory for other cable finish options
- Overmolded, ergonomic connector strain reliefs, desert tan
- Black zinc-nickel stainless steel thumbscrew
- Mighty Mouse 807 (NATO standard) connectors
- Weight, 24" cable: 122g
- Export classification: ECCN 3A611.x

HOW TO ORDER

Sample Part Number:	808-039	-24
Adapter Series	AN/PRC-148 Radio Adapter Cable	
Length Designator	In inches (6.00" min.) **Omit for default length of 20.00"**	

STAR-PAN™
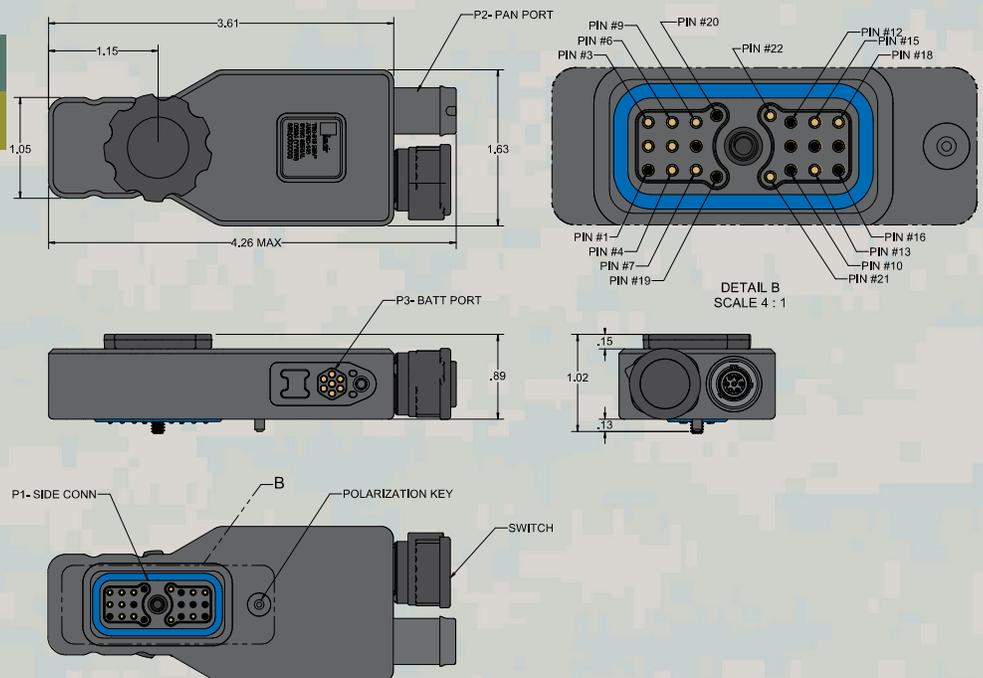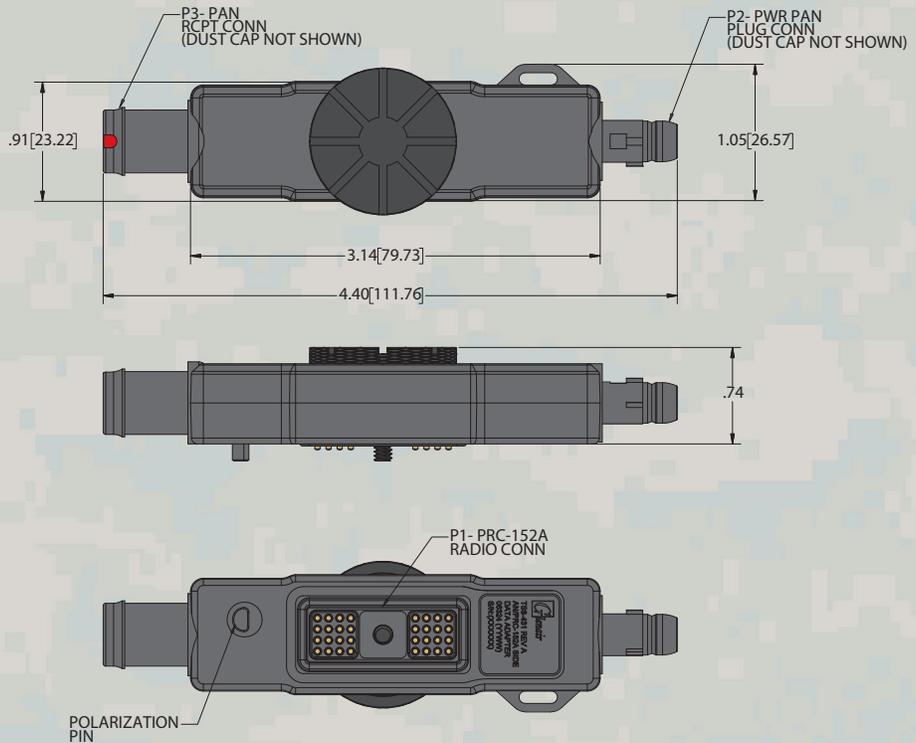
QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
RADIO

RADIO POWER BOOST

LENGTH "L"

.438

.875   (1.035)   (1.625)

J3 - GLENAIR CONNECTOR PER INTERFACE
8070-1675-01ZNU6-6SY-422B

.161   2.307

1.100

P2 - GLENAIR CONNECTOR PER INTERFACE
8070-1676-06ZNU6-6PY
PIN 2 FMLB

(.162)   1.057   .100

20   22

9   12   18

3

P2

J3

1   16

7   10

19   21
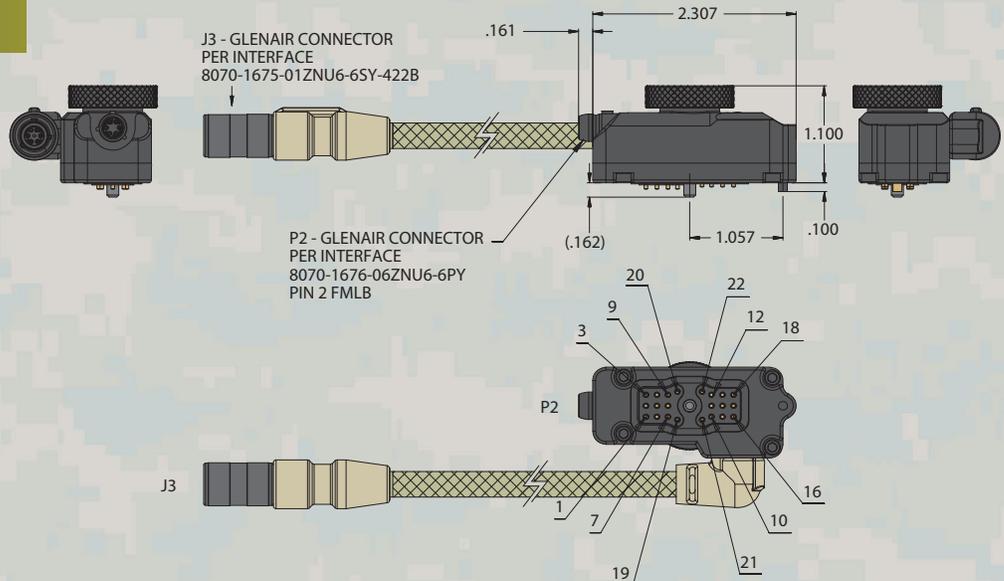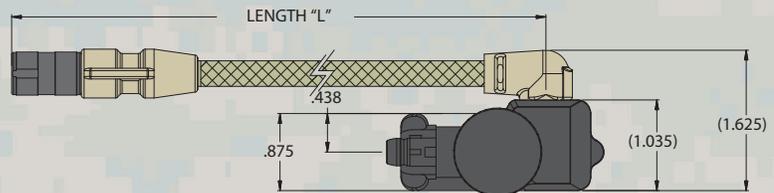
BATTLE-TESTED

STAR-PAN™

Radio cables and adapters

TS8-515 AN/PRC-148 Sync Serial Adapter

RADIO

SPECIFICATIONS

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Integrated Audio to Data radio switch
- Aluminum housing, black zinc-nickel finish
- Black stainless steel thumbscrew
- Mighty Mouse 807 (NATO standard) connectors
- Weight 91g
- Export classification: ECCN 3A611.x

HOW TO ORDER

Sample Part Number:	TS8-515
Adapter Series	AN/PRC-148 Sync Serial Adapter

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
RADIO

RADIO POWER BOOST

© 2024 Glenair, Inc • 1211 Air Way, Glendale, CA 91201 • 818-247-6000 • www.glenair.com • U.S. CAGE code 06324 • STAR-PAN™ Tactical Interconnect Solutions   53
Dimensions are subject to change without notice.

STAR-PAN™

Radio cables and adapters
TS8-431 AN/PRC-152A Radio Adapter

STAR-PAN™

**AN/PRC-152A
Radio Adapter**

SPECIFICATIONS

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Black zinc-nickel finish
- Weight: (consult factory)
- Mighty Mouse 807 (NATO standard) connectors
- Export classification: ECCN 3A611.x

HOW TO ORDER

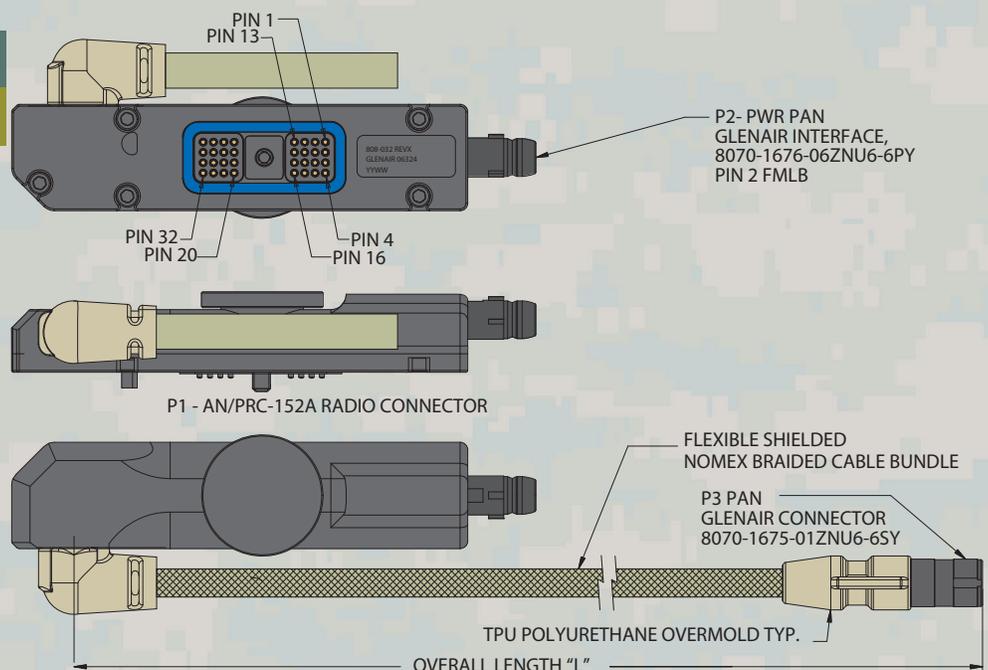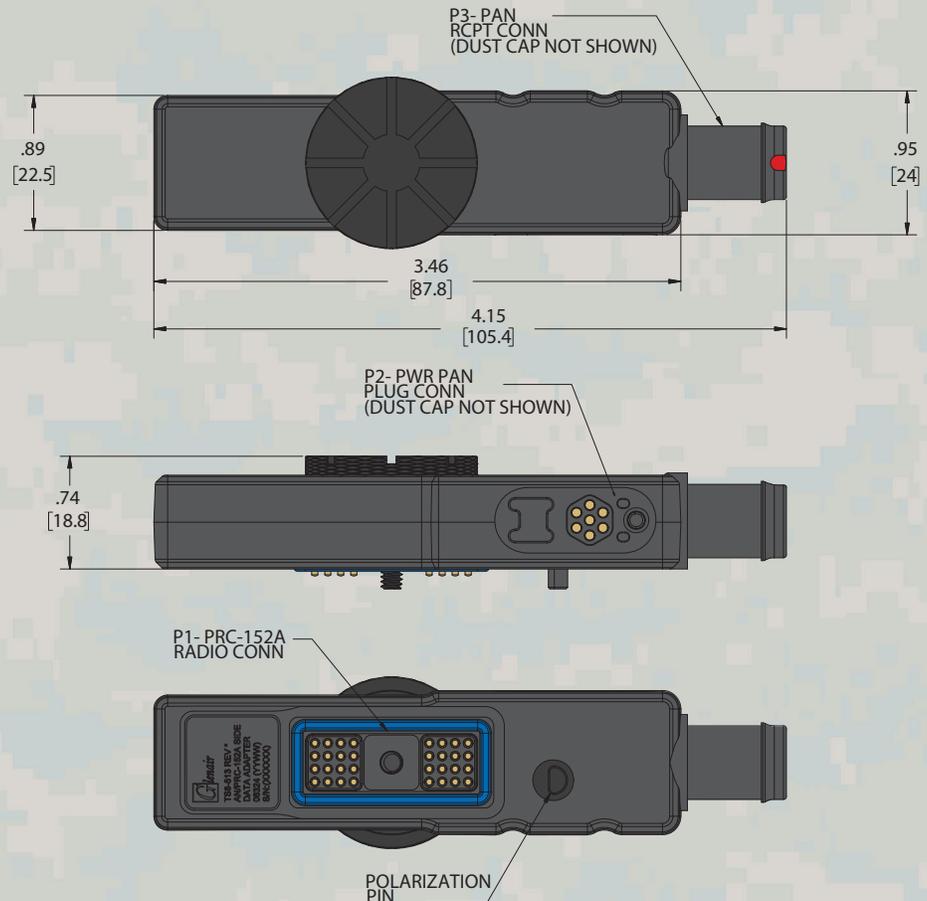| Sample Part Number:	TS8-431
Adapter Series	AN/PRC-152A Radio Adapter Cable

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
RADIO

RADIO POWER BOOST

P3- PAN
RCPT CONN
(DUST CAP NOT SHOWN)

P2- PWR PAN
PLUG CONN
(DUST CAP NOT SHOWN)

.91[23.22]

1.05[26.57]

3.14[79.73]

4.40[111.76]

.74

P1- PRC-152A
RADIO CONN

POLARIZATION
PIN

STAR-PAN™

Radio cables and adapters
808-032 AN/PRC-152A Radio Adapter

RADIO

**AN/PRC-152A
Radio Adapter**

SPECIFICATIONS

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Nomex® braided wire protection, olive drab. Consult factory for other cable finish options
- Overmolded, ergonomic connector strain reliefs, desert tan
- Black zinc-nickel stainless steel thumbscrew
- Mighty Mouse 807 (NATO standard) connectors
- Weight, 24" cable: 116g
- Export classification: ECCN 3A611.x

HOW TO ORDER

Sample Part Number:	808-032	-28
Adapter Series	AN/PRC-152A Radio Adapter Cable	
Length Designator	In inches (6.00" min.) **Omit for default length of 24.00"**	

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
RADIO

RADIO POWER BOOST

PIN 1
PIN 13

808-032 REVX
GLENAIR 06324
YYWW

P2- PWR PAN
GLENAIR INTERFACE,
8070-1676-06ZNU6-6PY
PIN 2 FMLB

PIN 32
PIN 20
PIN 4
PIN 16

P1 - AN/PRC-152A RADIO CONNECTOR

FLEXIBLE SHIELDED
NOMEX BRAIDED CABLE BUNDLE

P3 PAN
GLENAIR CONNECTOR
8070-1675-01ZNU6-6SY

TPU POLYURETHANE OVERMOLD TYP.

OVERALL LENGTH "L"

STAR-PAN™

Radio cables and adapters
TS8-513 AN/PRC-152A Radio Side Connector

STAR-PAN™

**AN/PRC-152A
Radio Adapter**

SPECIFICATIONS

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Aluminum, black zinc-nickel finish
- Black zinc-nickel stainless steel thumbscrew
- Mighty Mouse 807 (NATO standard) connector
- Export classification: ECCN 3A611.x

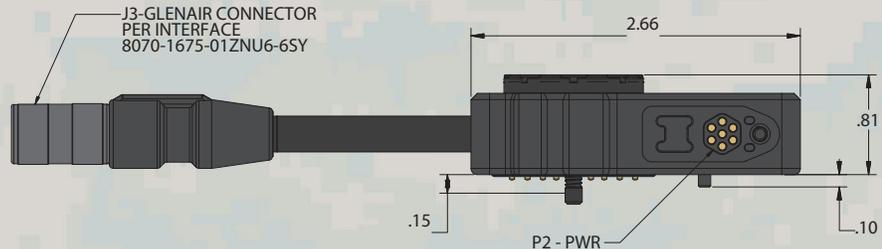| HOW TO ORDER	
Sample Part Number:	**TS8-513**
Adapter Series	AN/PRC-152A Radio Side Connector

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
RADIO

RADIO POWER BOOST

P3- PAN
RCPT CONN
(DUST CAP NOT SHOWN)

.89
[22.5]

.95
[24]

3.46
[87.8]

4.15
[105.4]

P2- PWR PAN
PLUG CONN
(DUST CAP NOT SHOWN)

.74
[18.8]

P1- PRC-152A
RADIO CONN

TS8-513 REV*
AN/PRC-152A SIDE
ADAPTER
0824 (YYWW)
SN(XXXXXX)

POLARIZATION
PIN

STAR-PAN™

Radio cables and adapters
TS8-410 AN/PRC 152/152A Sync Serial Adapter

RADIO

**AN/PRC-152/152A
Sync Serial Adapter**

SPECIFICATIONS

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Aluminum housing, black zinc-nickel finish
- Black stainless steel thumbscrew
- Mighty Mouse 807 (NATO standard) connectors
- Weight 91g
- Export classification: ECCN 3A611.x
- Adapter Cable 808-047 sold separately

HOW TO ORDER

Sample Part Number:	TS8-410
Adapter Series	AN/PRC-152/152A Sync Serial Adapter

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
RADIO

RADIO POWER BOOST

RED PAINT FOR MATING ALIGNMENT INDICATOR

RED PAINT FOR MATING ALIGNMENT INDICATOR

P2

P3

1.43

3.50

(4.69)

.80

P2 PAN PORT (RECEP)
FRONT FACE VIEW

P3 BATT PORT (PLUG)
FRONT FACE VIEW

PIN #17
PIN #21
PIN #25
PIN #29
REF, POLARIZATION PIN
PIN #13
PIN #9
PIN #5
PIN #1

P1

PRC-152

PIN #32
PIN #28
PIN #24
PIN #20
PIN #4
PIN #8
PIN #12
PIN #16

P1 SIDE CONNECTOR
32 PIN (PRC-152)
FRONT FACE VIEW

STAR-PAN™

RADIO CABLES AND ADAPTERS

**AN/PRC-161 BATS-D
Radio Adapter**

SPECIFICATIONS

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Aluminum, black zinc-nickel finish
- Black zinc-nickel stainless steel thumbscrew
- Santoprene jacketed cable, black
- Mighty Mouse 807 (NATO standard) connector
- Export classification: ECCN 3A611.x

HOW TO ORDER

Sample Part Number:	TS8-508	
Adapter Series	BATS-D AN/PRC 161 Radio Data Adapter Cable	
Length Designator	In inches, 6.00" minimum **Omit for default length of 20.00"**	

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
RADIO

RADIO POWER BOOST

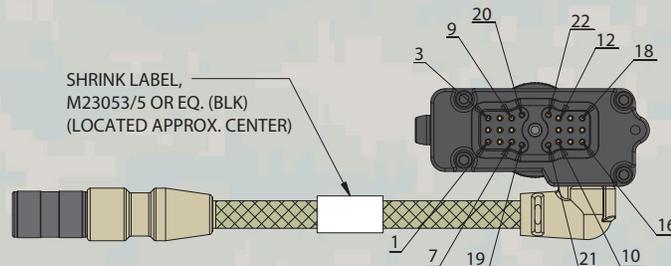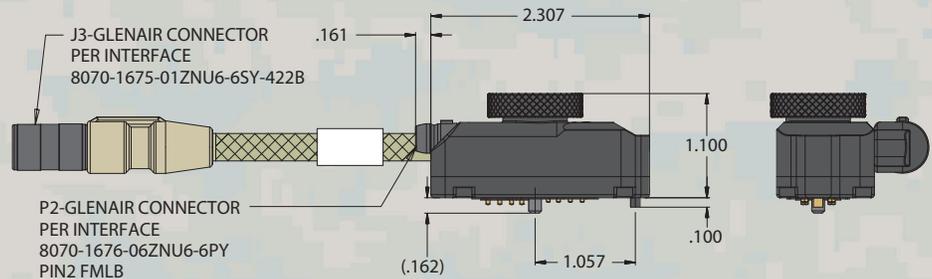OVERALL LENGTH "L"

1.02   1.66   .96

J3-GLENAIR CONNECTOR
PER INTERFACE
8070-1675-01ZNU6-6SY

2.66   .81

.15   P2 - PWR   .10

P1 - AN/PRC-161
RADIO CONN

SPECIFICATIONS

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Aluminum, black zinc-nickel finish
- Black zinc-nickel stainless steel thumbscrew
- Santoprene jacketed cable, black
- Mighty Mouse 807 (NATO standard) connector
- Export classification: ECCN 3A611.x

AN/PRC-161 BATS-D Radio Adapter

HOW TO ORDER

Sample Part Number:	TS8-509	
Adapter Series	BATS-D AN/PRC 161 Radio Data Adapter Cable	
Length Designator	In inches, 6.00" minimum **Omit for default length of 20.00"**	

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
PAN

RADIO POWER BOOST

OVERALL LENGTH "L"

1.66
.96
1.02

P3-GLENAIR CONNECTOR
PER INTERFACE
8070-1676-06ZNU6-6PY

2.66
.91
.13
.10
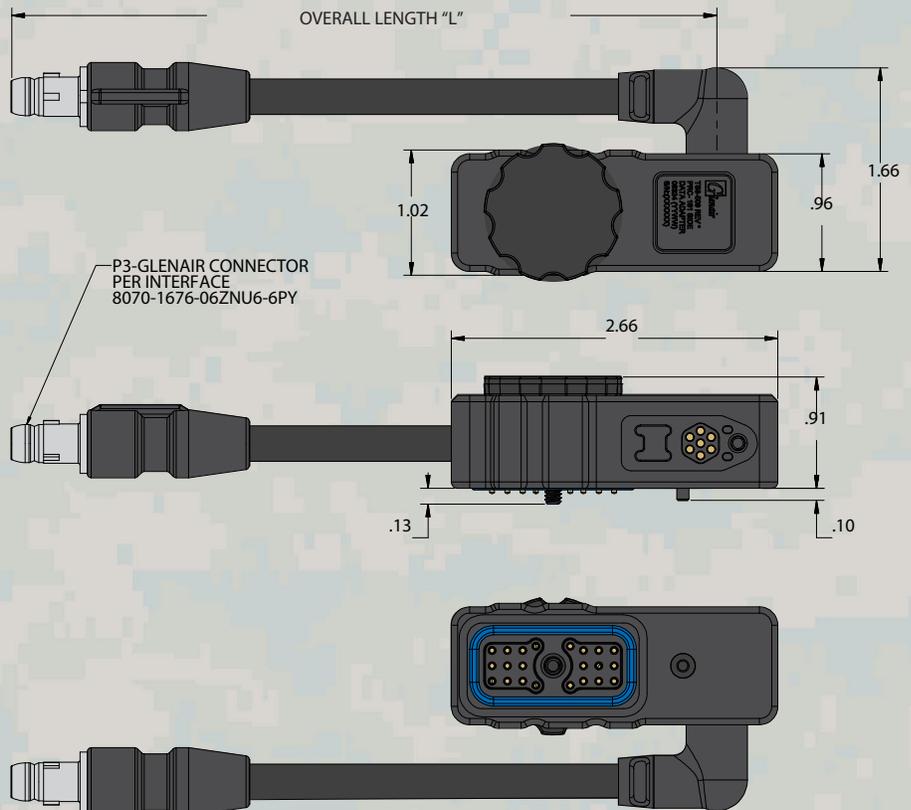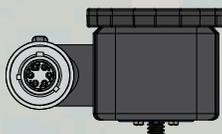
STAR-PAN™

Radio cables and adapters
808-166 AN/PRC-161 BATS-D Radio Adapter

STAR-PAN™

RADIO CABLES AND ADAPTERS

AN/PRC-161 BATS-D Radio Adapter

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

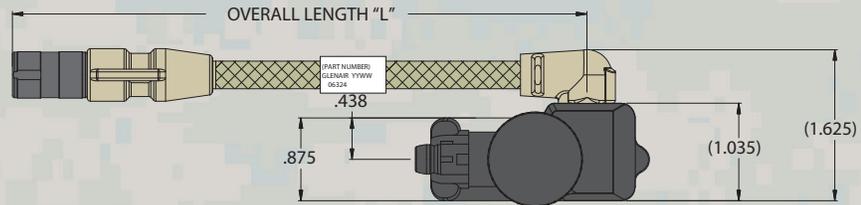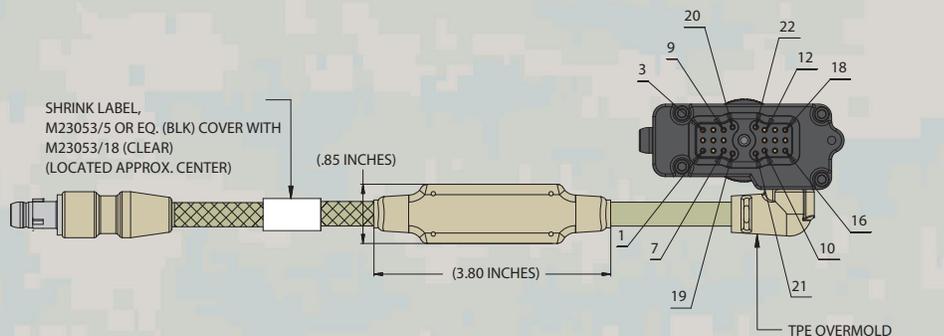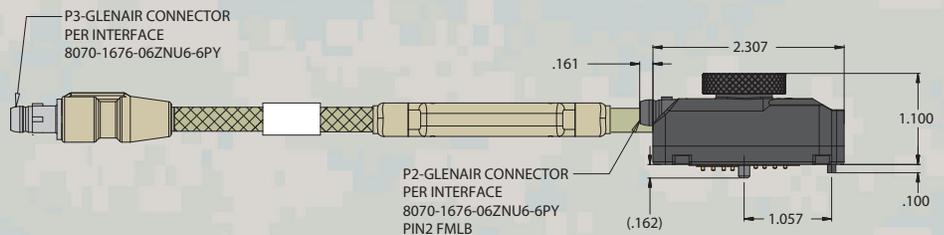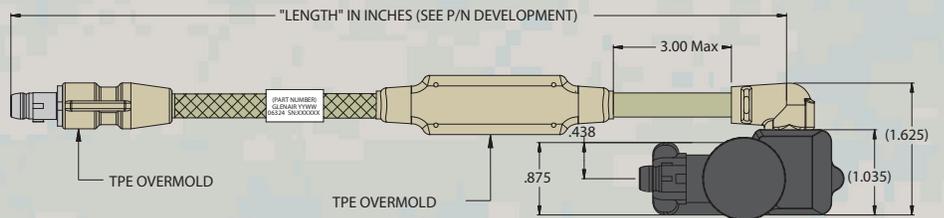HUB PORT DESIGNATOR:
RADIO

RADIO POWER BOOST

SPECIFICATIONS

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Nomex® braided wire protection, olive drab. Consult factory for other cable finish options
- Overmolded, ergonomic connector strain reliefs, desert tan.
- Aluminum housing, black zinc-nickel finish
- Black stainless steel thumbscrew
- Mighty Mouse 807 (NATO standard) connectors.
- Weight, 20" cable: 122g
- Export classification: ECCN 3A611.x

HOW TO ORDER

Sample Part Number:	808-166	-24
Cable Series	BATS-D AN/PRC 161 Radio Data Adapter Cable	
Length Designator	In inches, 6.00" minimum **Omit for default length of 20.00"**	

OVERALL LENGTH "L"

(PART NUMBER)
GLENAIR YYWW
06324

.438

.875

(1.035)

(1.625)

J3-GLENAIR CONNECTOR
PER INTERFACE
8070-1675-01ZNU6-6SY-422B

P2-GLENAIR CONNECTOR
PER INTERFACE
8070-1676-06ZNU6-6PY
PIN2 FMLB

.161

2.307

1.100

.100

(.162)

1.057

SHRINK LABEL,
M23053/5 OR EQ. (BLK)
(LOCATED APPROX. CENTER)

9 20   22 12
3   18

1   7   19   21 10   16

RADIO

SPECIFICATIONS

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Nomex® braided wire protection, olive drab. Consult factory for other cable finish options
- Overmolded, ergonomic connector strain reliefs, desert tan.
- Aluminum housing, black zinc-nickel finish
- Black stainless steel thumbscrew
- Mighty Mouse 807 (NATO standard) connectors.
- Weight, 32" cable: (consult factory)
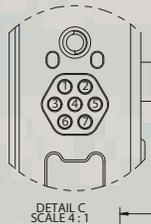- Export classification: ECCN 3A611.x
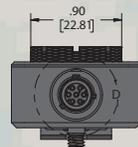
**AN/PRC-161
Radio Ethernet Adapter**

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
PAN

RADIO POWER BOOST

HOW TO ORDER

Sample Part Number:	TS8-409	-24
Adapter Series	BATS-D AN/PRC 161 Radio Data Adapter Cable	
Length Designator	In inches, 10.00" minimum **Omit for default length of 32.00"**	

"LENGTH" IN INCHES (SEE P/N DEVELOPMENT)

3.00 Max

(PART NUMBER)
GLENAIR YYWW
06324 SNXXXXXX

.438

.875

(1.625)

(1.035)

TPE OVERMOLD

TPE OVERMOLD

P3-GLENAIR CONNECTOR
PER INTERFACE
8070-1676-06ZNU6-6PY

.161

2.307

1.100

.100

P2-GLENAIR CONNECTOR
PER INTERFACE
8070-1676-06ZNU6-6PY
PIN2 FMLB

(.162)

1.057

SHRINK LABEL,
M23053/5 OR EQ. (BLK) COVER WITH
M23053/18 (CLEAR)
(LOCATED APPROX. CENTER)

(.85 INCHES)

(3.80 INCHES)

20

9

3

22

12

18

1

7

10

16

21

19

TPE OVERMOLD

SPECIFICATIONS

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Black stainless steel thumbscrew
- Mighty Mouse 807 (NATO standard) connectors
- Weight: (consult factory)
- Red I/O connection
- Export classification: ECCN 3A611.x

AN/PRC-163
Radio Adapter, Red I/O

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
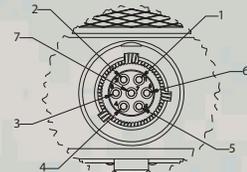**LIGHT, II, IV, AND VI**

HUB PORT DESIGNATOR:
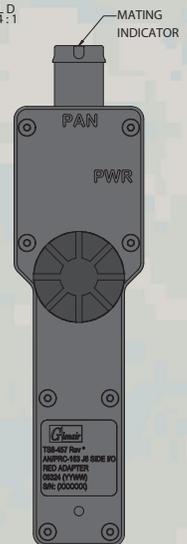**RADIO**

RADIO POWER BOOST

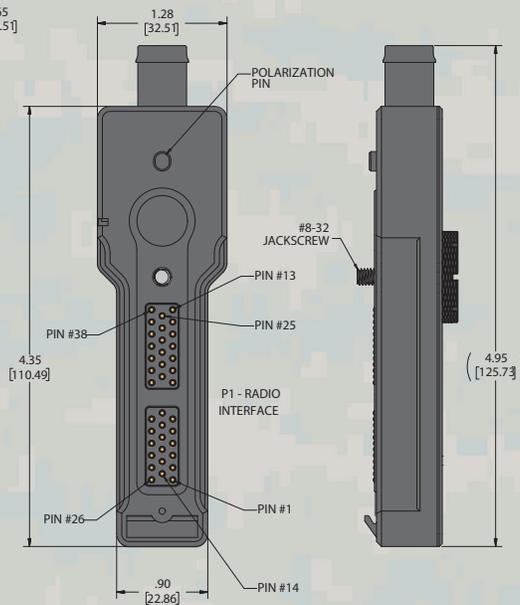| HOW TO ORDER	
Sample Part Number:	**TS8-457**
Adapter Series	AN/PRC-163 Radio Adapter, red I/O

RADIO

**AN/PRC-163
Radio Adapter, Black I/O**

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
RADIO

RADIO POWER BOOST

SPECIFICATIONS

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Black stainless steel thumbscrew
- Mighty Mouse 807 (NATO standard) connectors
- Weight: (consult factory)
- Black I/O connection
- Export classification: ECCN 3A611.x
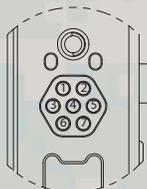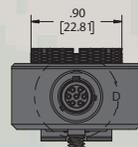
HOW TO ORDER

Sample Part Number:	TS8-458
Adapter Series	AN/PRC-163 Radio Adapter, black I/O

DETAIL C
SCALE 4 : 1

.90 [22.81]

P2 - PAN PORT

DETAIL D
SCALE 4 : 1
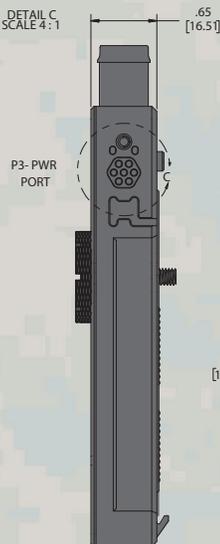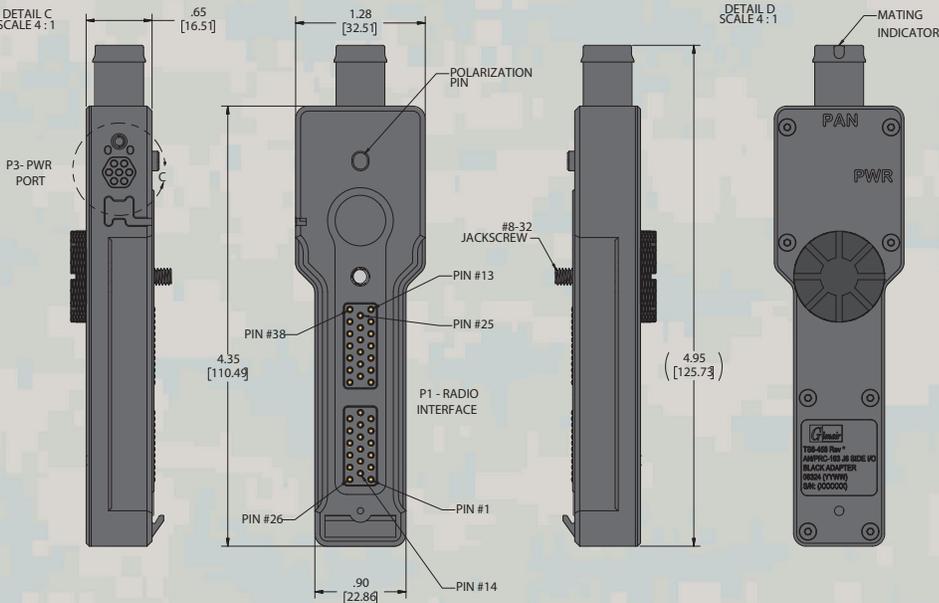
P3- PWR PORT

.65 [16.51]

1.28 [32.51]

POLARIZATION PIN

MATING INDICATOR

PAN

PWR

#8-32 JACKSCREW

PIN #13

PIN #38

PIN #25

4.35 [110.49]

P1 - RADIO INTERFACE

4.95 [125.73]

PIN #26

PIN #1

.90 [22.86]

PIN #14

RADIO CABLES AND ADAPTERS

**AN/PRC-163
Radio Adapter
Red/Black I/O switch**

SPECIFICATIONS

- For interconnection of referenced radio type to STAR-PAN power / data hubs
- Mighty Mouse 807 (NATO standard) connectors
- Weight: (consult factory)
- Dual I/O USB selection switch
- Export classification: ECCN 3A611.x

HOW TO ORDER

Sample Part Number:	TS8-495
Adapter Series	AN/PRC-163 Radio Adapter with red/black switch

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
RADIO

RED I/O
SWITCH
POSITION

BLK I/O
SWITCH
POSITION

SEALED ROTARY
SWITCH KNOB
NOTE: PULL-OUT,
TWIST-TURN DOWN
TO ENGAGE RED I/O
LOCKED POSITION

1.63
[41.40]

.72
[18.29]

PAN BLK▷RED

CONDUCTIVE
FACE SEALING
GASKET

Ø 1.13
[28.58]

4.85
[123.19]

#8-32 CENTER
JACKSCREW

Ø .16
[4.07]

PIN 25

PIN 38

PIN 13

PIN 32

PIN 20

PIN 19

PIN 7

PIN 31

PIN 6

PIN 26

PIN 1

PIN 14

TS8-495 REV*
S/N: XXXXXX
06324 YYWW
DUAL SWITCH
AN/PRC-163
DUAL I/O USB

1.28
[32.51]

.75
[19.05]

.90
[22.86]

RADIO CABLES AND ADAPTERS

SPECIFICATIONS

- For interconnection of referenced radio type to STAR-PAN power / data hubs
- Santoprene jacketed cable, black
- Ergonomic overmolding
- Mighty Mouse 807 (NATO standard) connector and P1 radio connector
- Weight, 18" cable: (consult factory)
- Export classification: ECCN 3A611.x
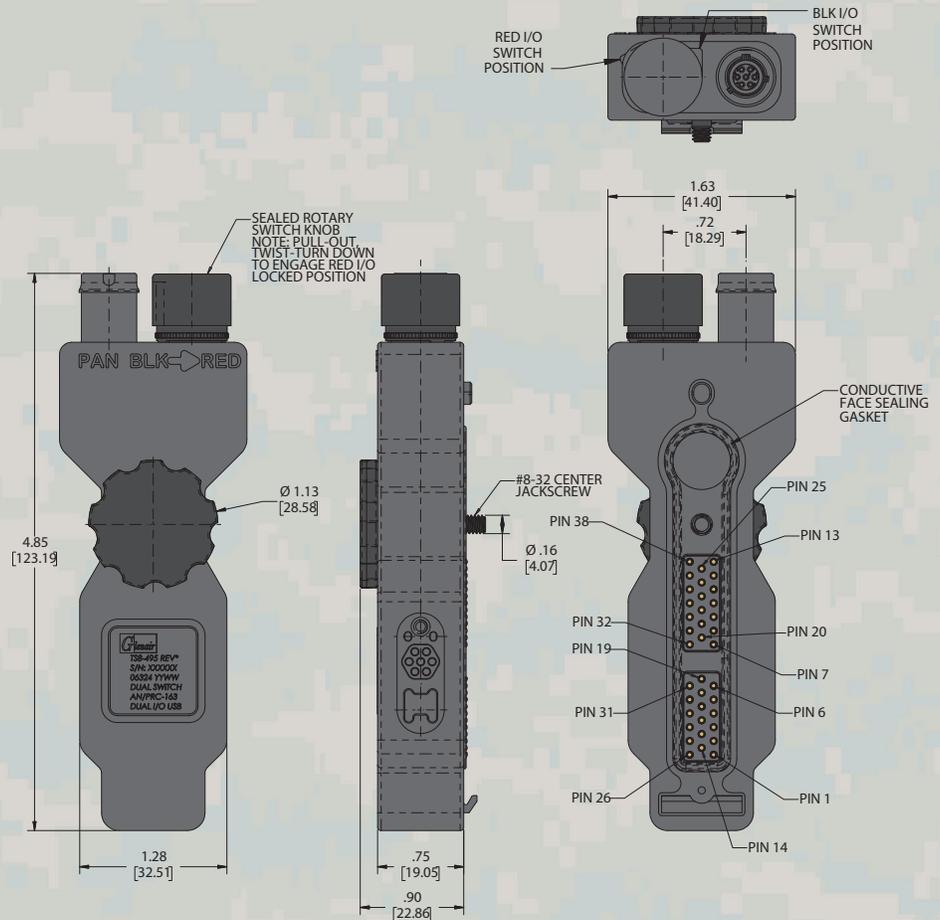
**AN/PRC-167 Radio
(alt. use with PRC-163)**

**MFI (Multi-Function I/O)
cable**

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
RADIO

HOW TO ORDER

Sample Part Number:		TS8-411	-22
Cable Series	AN/PRC-167 MFI cable		
Length Designator	In inches **Omit for default length of 18.00"**		

REF, RED DOT
MASTER KEY
INDICATOR

TPE OVERMOLD
TYP. 2

REF, RED PAINT
MASTER KEYWAY
INDICATOR

CABLE JACKET,
BLACK SANTOPRENE

ODU CONNECTOR, SIZE 0
A10WAMP12XMM0-0000

OVERALL LENGTH "L"

GLENAIR CONNECTOR
8070-1675-01ZNU6-6SY

P1

(PART NUMBER)
GLENAIR YYWW
06324

P2

SHRINK MARKER,
M23053/5 COVERED WITH
M23053/18 (CLEAR)
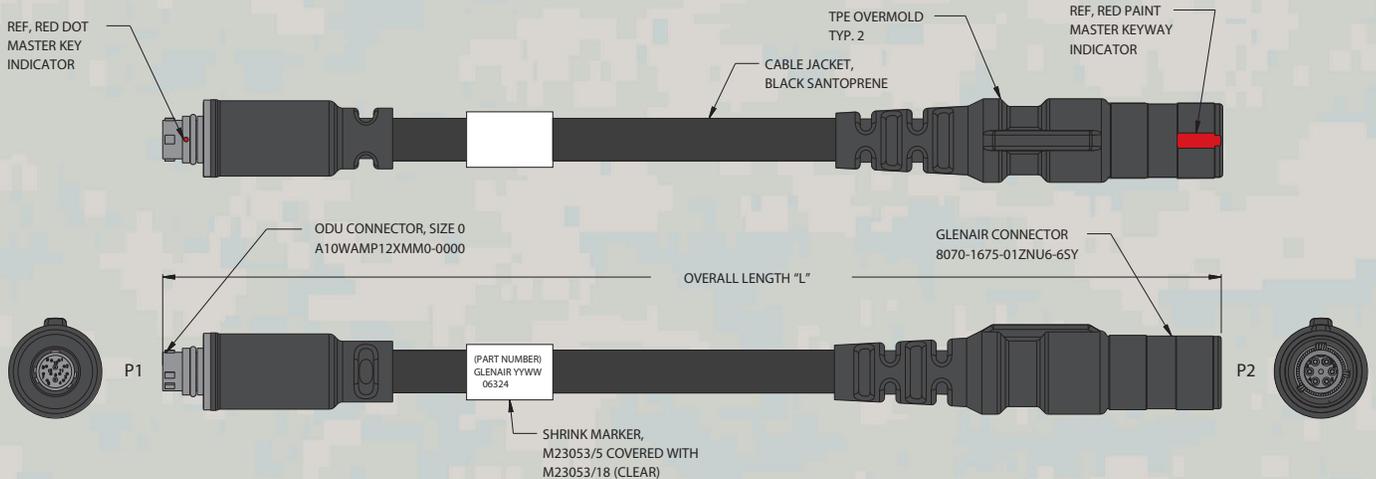
STAR-PAN™

RADIO CABLES AND ADAPTERS

**Elbit PNR 1000
Radio Adapter**

SPECIFICATIONS

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Santoprene jacketed cable, black
- Ergonomic overmolding
- Glenair environmental heat-shrink boot seals radio connector to cable
- Mighty Mouse 807 (NATO standard) connector.
- Weight, 21" cable: 80g
- Export classification: ECCN 3A611.x

HOW TO ORDER

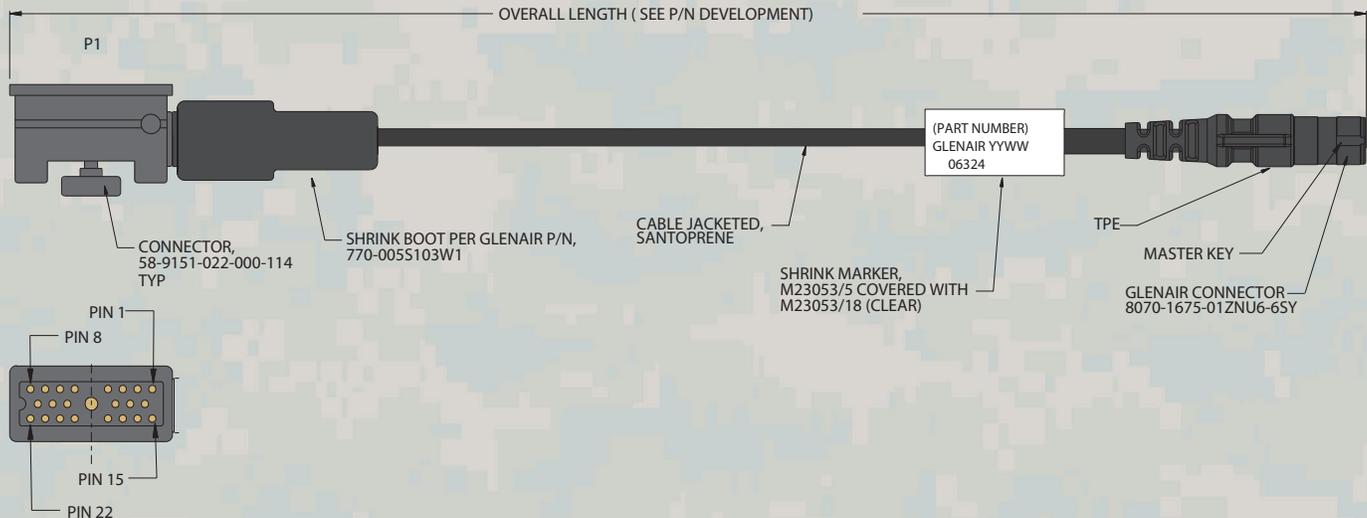| Sample Part Number:	808-132	-24
Cable Series	PNR 1000 Radio Adapter Cable	
Length Designator	In inches **Omit for default length of 21.00"**	

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
RADIO

OVERALL LENGTH (SEE P/N DEVELOPMENT)

P1

(PART NUMBER)
GLENAIR YYWW
06324

CONNECTOR,
58-9151-022-000-114
TYP

SHRINK BOOT PER GLENAIR P/N,
770-005S103W1

CABLE JACKETED,
SANTOPRENE

SHRINK MARKER,
M23053/5 COVERED WITH
M23053/18 (CLEAR)

TPE

MASTER KEY

GLENAIR CONNECTOR
8070-1675-01ZNU6-6SY

PIN 1
PIN 8
PIN 15
PIN 22

**Elbit PNR 1000
Radio Adapter**

SPECIFICATIONS

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Black zinc-nickel finish
- Weight: (consult factory)
- Mighty Mouse 807 (NATO standard) connector.
- Export classification: ECCN 3A611.x

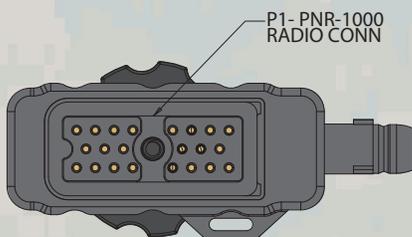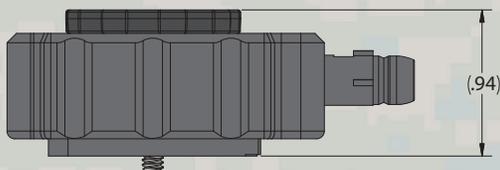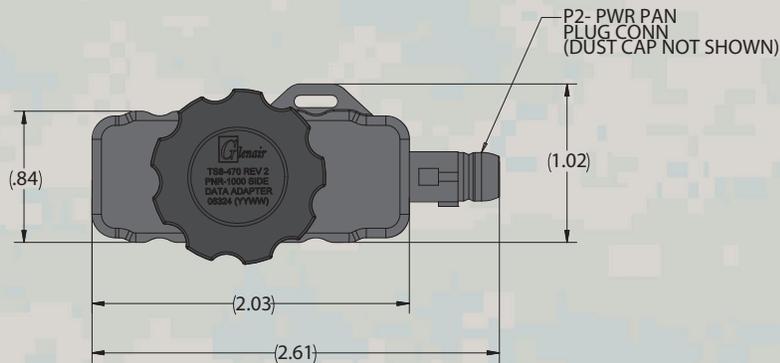| HOW TO ORDER	
Sample Part Number:	**TS8-470**
Adapter Series	PNR 1000 Radio Adapter Cable

RADIO CABLES AND ADAPTERS

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
RADIO

RADIO POWER BOOST

P2- PWR PAN
PLUG CONN
(DUST CAP NOT SHOWN)

(.84)

(1.02)

TS8-470 REV 2
PNR-1000 SIDE
DATA ADAPTER
06324 (YYWW)

(2.03)

(2.61)

(.94)

P1- PNR-1000
RADIO CONN

STAR-PAN™

RADIO CABLES AND ADAPTERS

**Harris RF-7850S-TR
Radio Cable**

SPECIFICATIONS

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Santoprene jacketed cable, black
- Ergonomic overmolding
- Mighty Mouse 807 (NATO standard) plug connector and J4 Radio connector with backshell
- Weight, 19" cable: 75g
- Export classification: ECCN 3A611.x

HOW TO ORDER

Sample Part Number:	TS8-446	-20
Cable Series	RF-7580S-TR Radio Adapter Cable	
Length Designator	In inches **Omit for default length of 19.00"**	

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
PAN

OVERALL LENGTH "L"

ITT CANNON CONNECTOR: 078378-6200
ITT CANNON BACKSHELL: 448-7873-004

PART NUMBER
GLENAIR YYWW
06324

P1

P2

GLENAIR CONNECTOR,
8070-1676-06ZNU6-6PY
PIN 2 IS FMLB

TPE
OVERMOLD

CABLE JACKETED,
SANTOPRENE

SHRINK MARKER,
M23053/5 COVERED WITH
M23053/18 (CLEAR)
LOC: CENTER OF CABLE

TPE
OVERMOLD

RADIO CABLES AND ADAPTERS

SPECIFICATIONS

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Nomex® braided wire protection, olive drab. Consult factory for other cable finish options
- Overmolded, ergonomic connector strain reliefs, desert tan
- Mighty Mouse 807 (NATO standard) connector and J4 Radio connector.
- Weight, 32" cable: (consult factory)
- Export classification: ECCN 3A611.x

Harris RF-7800S Radio Cable

HOW TO ORDER

Sample Part Number:	808-257	-36
Cable Series	RF7800S Radio Adapter Cable	
Length Designator	In inches **Omit for default length of 32.00"**	

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
RADIO

OVERALL LENGTH "L"

SHRINK MARKER, M23053/5 COVERED WITH M23053/18 (CLEAR)

MASTER KEY

P1

(PART NUMBER) GLENAIR YYWW 06324

P2

GLENAIR CONNECTOR, 8070-1675-01ZNU6-6SY

5V REGUALTOR TPE OVERMOLD

TPE OVERMOLD

FISCHER CONNECTOR, SS 102 A059-5, HARRIS J29-0010-604
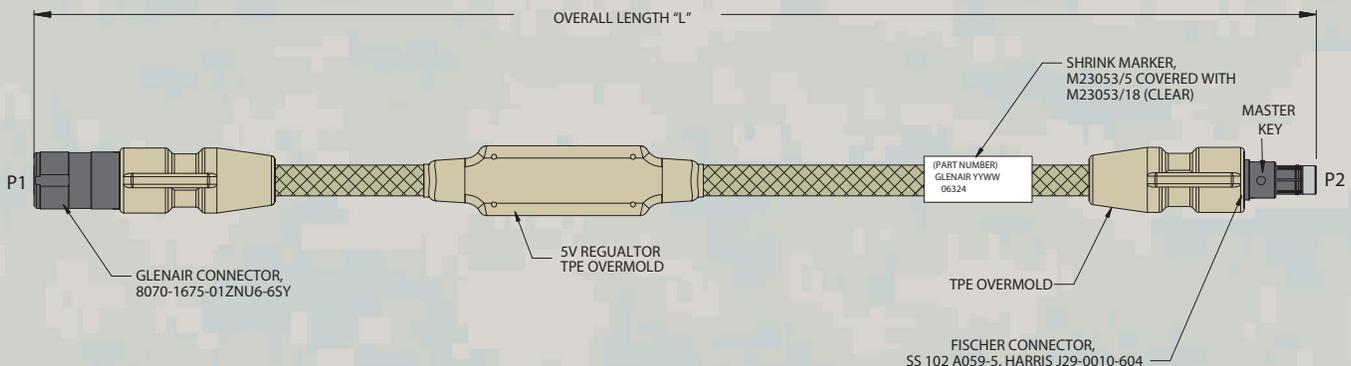
STAR-PAN™

**Harris RF-7800S
Radio Cable**

SPECIFICATIONS

- For interconnection of referenced hand-held radio type to End User Device
- Nomex® braided wire protection, olive drab. Consult factory for other cable finish options
- Overmolded, ergonomic connector strain reliefs, desert tan
- Mighty Mouse 807 (NATO standard) connector and J4 Radio connector.
- Weight, 32" cable: 74g
- Export classification: ECCN 3A611.x
- Radio acts as USB host

HOW TO ORDER

Sample Part Number:	808-148	-36
Cable Series	RF7800S Radio Adapter Cable	
Length Designator	In inches **Omit for default length of 32.00"**	

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
RADIO

OVERALL LENGTH "L"

SHRINK MARKER,
M23053/5 COVERED WITH
M23053/18 (CLEAR)

MASTER
KEY

P1

(PART NUMBER)
GLENAIR YYWW
06324

P2

GLENAIR CONNECTOR,
8070-1675-01ZNU6-6SY-422B

WIRE, FLEXIBLE TPU INSULATED
TIN PLATED COPPER

BRAIDED SHEILD,
HIGH STRAND, TIN PLATED COPPER BRAID

OUTER BRAID,
NOMEX SLEEVING GLENAIR PN: 102-042 (ODGREEN)

TPE OVERMOLD

FISCHER CONNECTOR,
SS 102 A059-5, HARRIS J29-0010-604
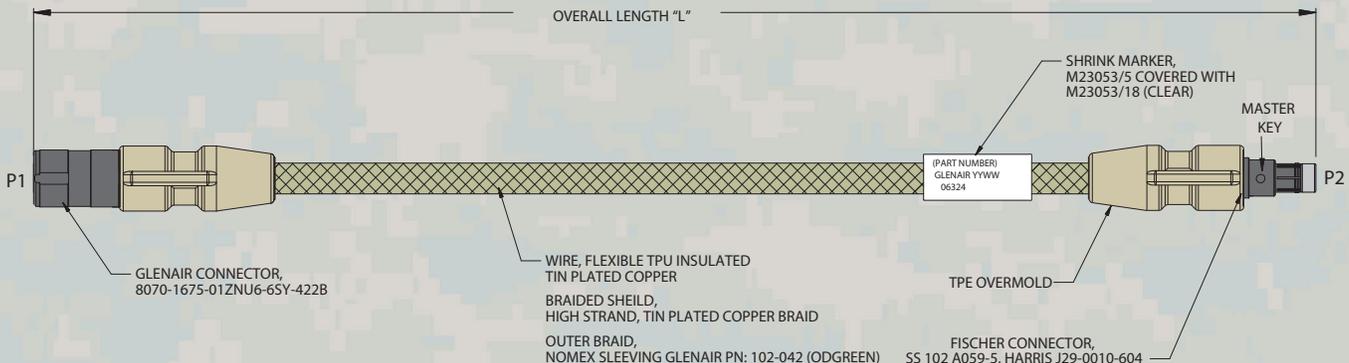
BATTLE-TESTED

STAR-PAN™

Radio cables and adapters
TS8-466 Harris RF-7800S-TR Radio Cable, PAN port connection

RADIO

**Harris RF-7800S
Radio Cable**

SPECIFICATIONS

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Nomex® braided wire protection, olive drab.
- Overmolded, ergonomic connector strain reliefs, desert tan
- Mighty Mouse 807 (NATO standard) and J4 Radio connectors
- Weight: (consult factory)
- Export classification: ECCN 3A611.x

HOW TO ORDER

Sample Part Number:	TS8-466	-36
Cable Series	RF7800S-TR Radio Adapter Cable	
Length Designator	In inches **Omit for default length of 32.00"**	

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
PAN

OVERALL LENGTH "L"

MASTER KEY

SHRINK MARKER,
M23053/5 COVERED WITH
M23053/18 (CLEAR)

MASTER
KEY

(1.00)

P1

(PART NUMBER)
GLENAIR YYWW
06324

P2

GLENAIR CONNECTOR
8070-1676-01ZNU6-6PY
PIN 2 IS FMLB

TPE OVERMOLD

FISCHER CONNECTOR,
SS 102 A059-5, HARRIS J29-0010-604
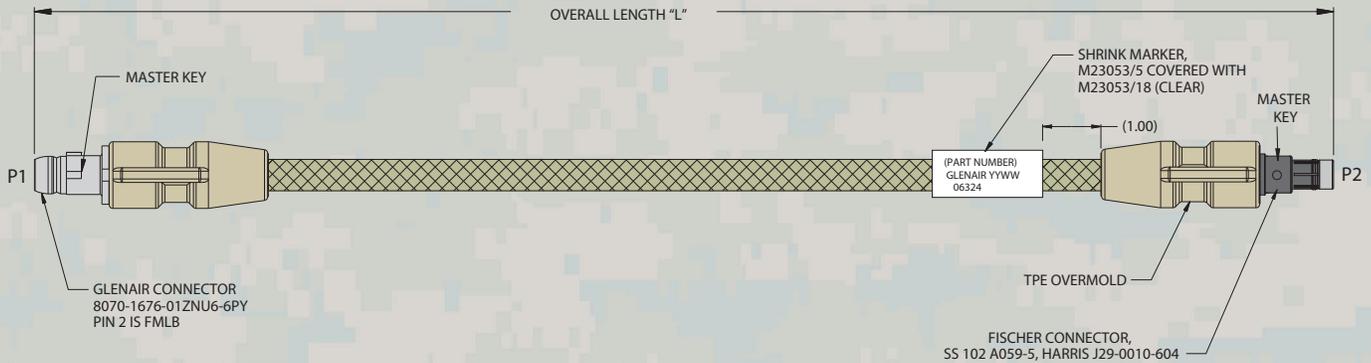
STAR-PAN™

RADIO CABLES AND ADAPTERS

**Harris RF-7850M
Sync Serial Adapter**

SPECIFICATIONS

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Aluminum housing, black zinc-nickel finish
- Black stainless steel thumbscrew
- Mighty Mouse 807 (NATO standard) connectors
- Weight 91g
- Export classification: ECCN 3A611.x

HOW TO ORDER

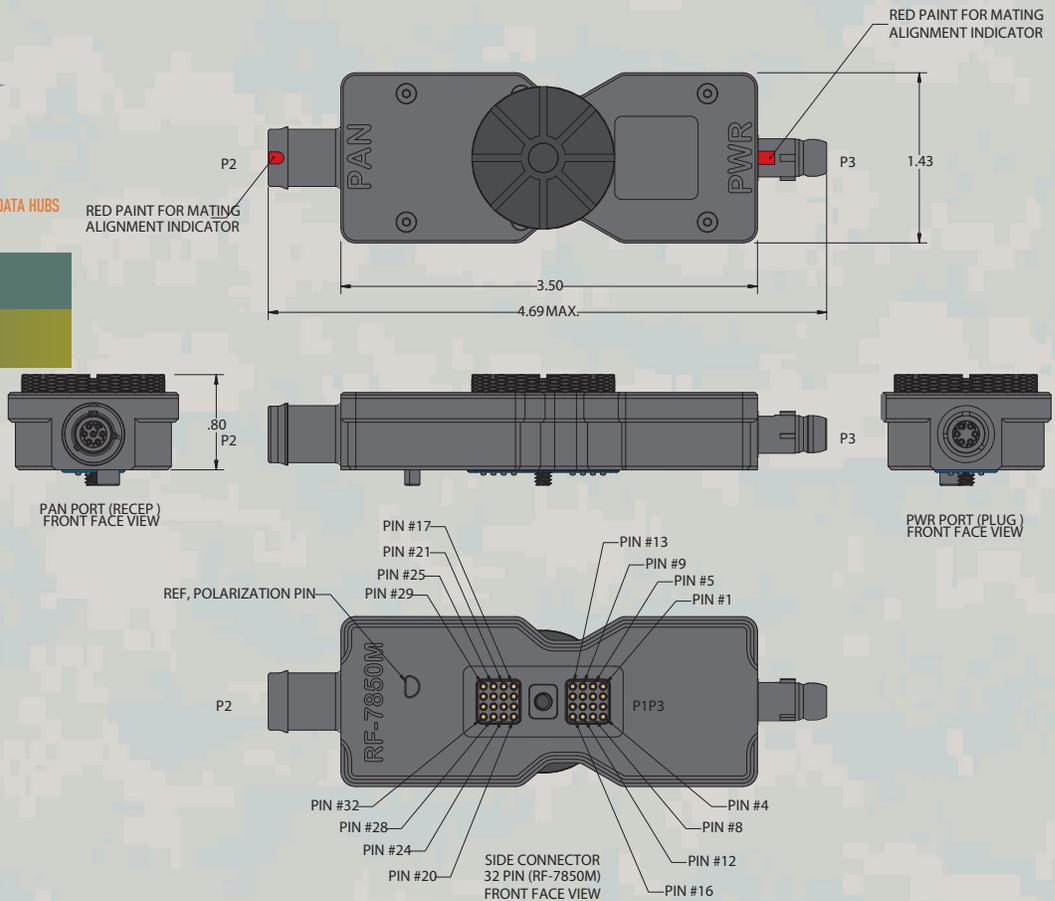| Sample Part Number:	TS8-426
Adapter Series	RF-7850M Sync Serial Adapter

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
RADIO

RADIO POWER BOOST

RED PAINT FOR MATING ALIGNMENT INDICATOR

P2

RED PAINT FOR MATING ALIGNMENT INDICATOR

PAN

PWR

P3

1.43

3.50

4.69 MAX.

.80
P2

PAN PORT (RECEP.)
FRONT FACE VIEW

P3

PWR PORT (PLUG.)
FRONT FACE VIEW

PIN #17
PIN #21
PIN #25
PIN #29
REF, POLARIZATION PIN

PIN #13
PIN #9
PIN #5
PIN #1

P2

RF-7850M

P1P3

PIN #32
PIN #28
PIN #24
PIN #20

PIN #4
PIN #8
PIN #12
PIN #16

SIDE CONNECTOR
32 PIN (RF-7850M)
FRONT FACE VIEW

STAR-PAN™

Radio cables and adapters
808-044 Raytheon RT-1922 Microlight SADL Radio Cable

RADIO

Raytheon RT-1922 Microlight Situational Awareness Data Link (SADL) Radio Cable

SPECIFICATIONS

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Nomex® braided wire protection, olive drab. Consult factory for other cable finish options
- Overmolded, ergonomic connector strain reliefs, desert tan
- Mighty Mouse 807 (NATO standard) connectors
- Weight, 24" cable: 60g
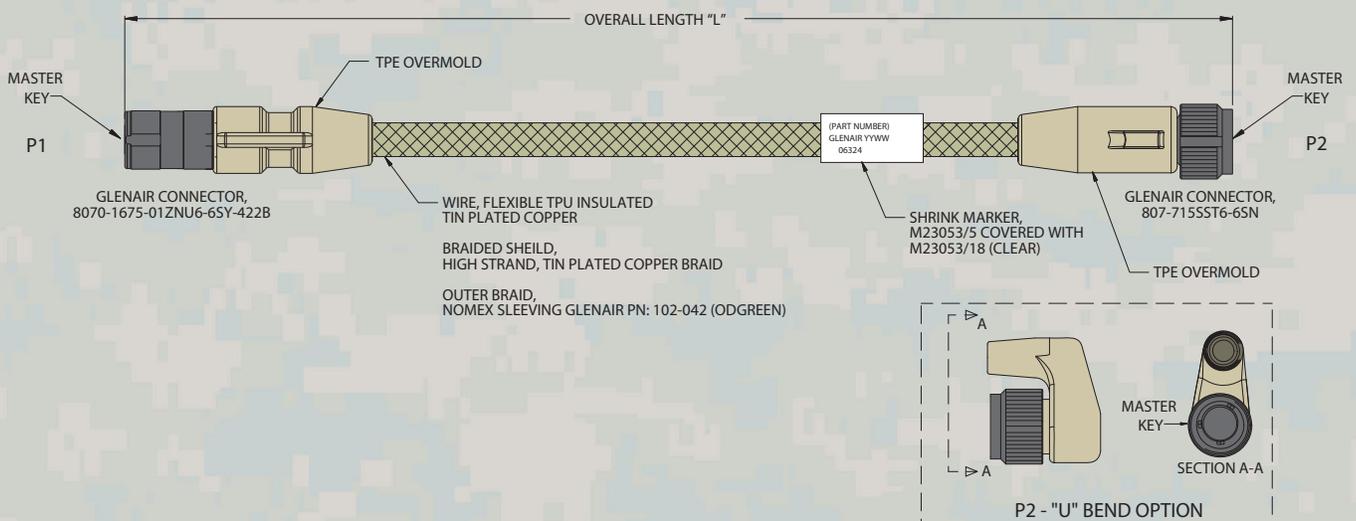- Export classification: ECCN 3A611.x

HOW TO ORDER

Sample Part Number:	808-044	-U	-28
Cable Series	RT-1922 Microlight SADL Radio Cable		
U-Bend Option	**U** = with "U" bend- Omit for straight		
Length Designator	In inches **Omit for default length of 24.00"**		

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
RADIO

OVERALL LENGTH "L"

MASTER KEY

P1

MASTER KEY

P2

TPE OVERMOLD

GLENAIR CONNECTOR, 8070-1675-01ZNU6-6SY-422B

WIRE, FLEXIBLE TPU INSULATED TIN PLATED COPPER

BRAIDED SHEILD, HIGH STRAND, TIN PLATED COPPER BRAID

OUTER BRAID, NOMEX SLEEVING GLENAIR PN: 102-042 (ODGREEN)

(PART NUMBER) GLENAIR YYWW 06324

SHRINK MARKER, M23053/5 COVERED WITH M23053/18 (CLEAR)

GLENAIR CONNECTOR, 807-715SST6-6SN

TPE OVERMOLD

A

MASTER KEY

A

SECTION A-A

P2 - "U" BEND OPTION

STAR-PAN™

RADIO CABLES AND ADAPTERS

Thales PR4G Radio Cable

SPECIFICATIONS

- For interconnection of referenced radio type to STAR-PAN power / data hubs
- Santoprene jacketed cable, black
- Ergonomic overmolding
- Mighty Mouse 807 (NATO standard) connector and J4 Radio connector
- Weight: (consult factory)
- Export classification: ECCN 3A611.x

HOW TO ORDER

Sample Part Number:	TS3-009	-30
Cable Series	Thales PR4G Radio Ethernet Cable	
Length Designator	In inches **Omit for default length of 24.00"**	

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
PAN

OVERALL LENGTH "L"

8.00 INCHES (+1.00/-0.00)

MASTER KEY

MASTER KEY

P1

P2

(PART NUMBER)
GLENAIR YYWW
06324 SN:XXXXXX

(.85 INCHES)

GLENAIR CONNECTOR
8070-1676-06ZNU6-6PY
PIN 2 IS FMLB

SHRINK MARKER,
M23053/5 COVERED WITH
M23053/18 (CLEAR)

(3.80 INCHES)

SOURIAU CONNECTOR,
HE30806T1535PN7M OR EQ.
TE CONNECTIVITY AEROSPACE, DEFENCE AND MARINE
BACKSHELL: TXR41AB00-1405AI OR EQ.
SHRINK BOOT: 202K121-25/225-0 OR EQ.

TPE OVERMOLD

(.54)

ETHERNET TO USB CONVERT
IN TPE OVERMOLD
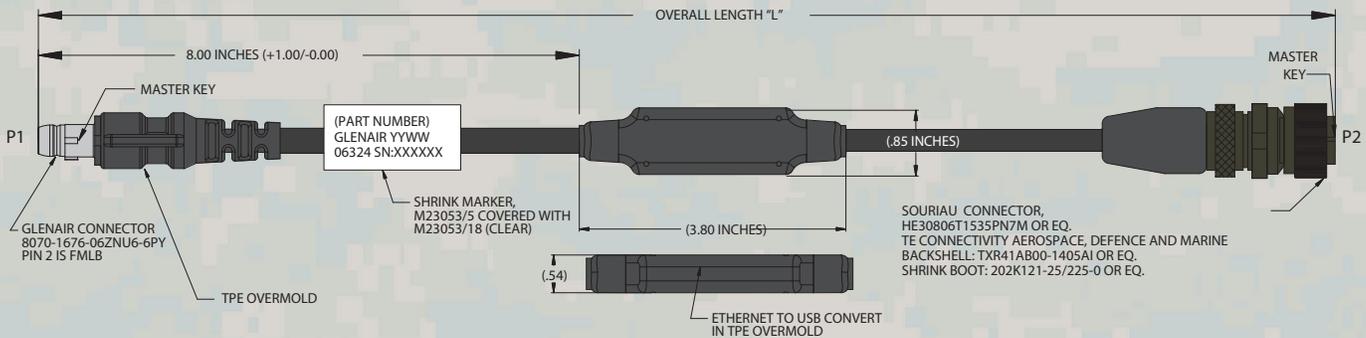
STAR-PAN™

Radio cables and adapters
TS3-016 TrellisWare TW-950 TSM Shadow Radio Adapter

RADIO

TrellisWare TSM Shadow Radio Adapter

SPECIFICATIONS

- For interconnection of referenced radio type to STAR-PAN power / data hubs
- Black zinc-nickel finish
- Mighty Mouse 807 (NATO standard) connector
- Weight: (consult factory)
- Export classification: EAR99

HOW TO ORDER

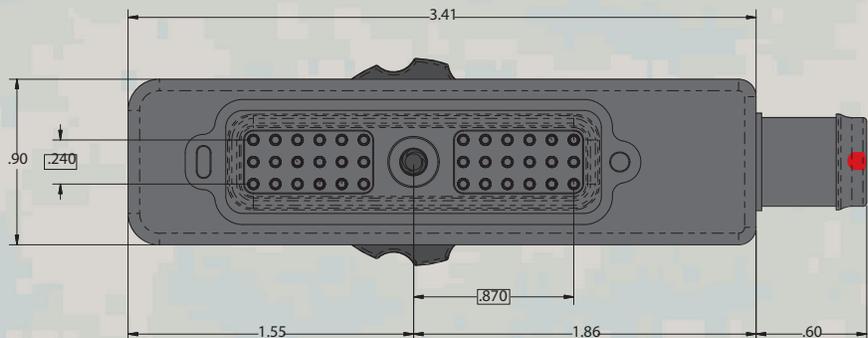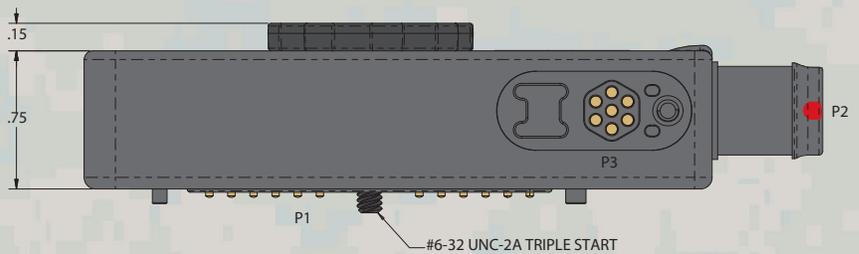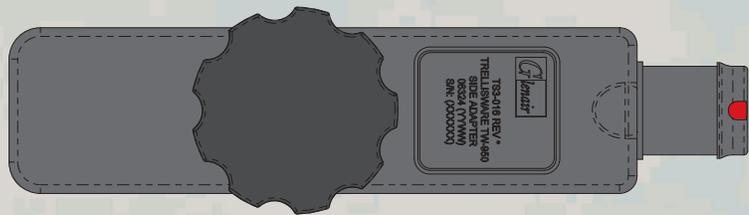| Sample Part Number:	TS3-016
Adapter Series	TrellisWare TS-950 TSM Shadow radio adapter

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
RADIO

RADIO POWER BOOST

TS3-016 REV •
TRELLISWARE TW-950
SIDE ADAPTER
06324 (YYWW)
SNE (XXXXXX)

.15

.75

P3

P2

P1

#6-32 UNC-2A TRIPLE START

3.41

.90   .240

.870

1.55   1.86   .60

RADIO CABLES AND ADAPTERS

RADIO CABLES AND ADAPTERS

SPECIFICATIONS

- Black zinc-nickel finish
- Weight: (consult factory)
- Export classification: ECCN 3A611.x
- Assembly supplied with TS1-094 cable
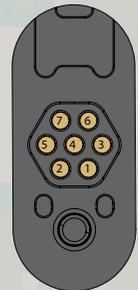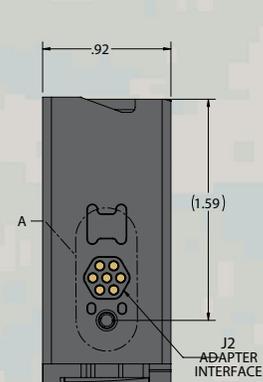
HOW TO ORDER	
Sample Part Number:	**TS8-486**
Adapter Series	TrellisWare Radio Power Booster

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
RADIO

RADIO POWER BOOST

2.50

J1
RADIO
INTERFACE

1.92

.20

.92

(1.59)

A

J2
ADAPTER
INTERFACE

7 6
5 4 3
2 1

DETAIL A
SCALE 5 : 1

P1
BATTERY
INTERFACE

RADIO

SPECIFICATIONS

- Black overmolded cable
- Black zinc-nickel finish housings
- Weight: (consult factory)
- Export classification: EAR99

HOW TO ORDER

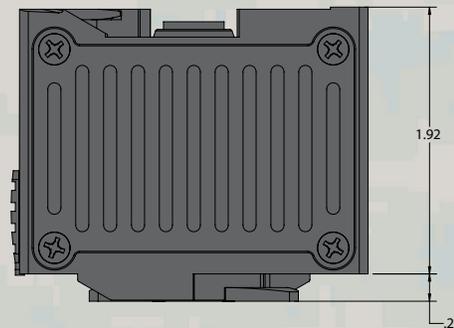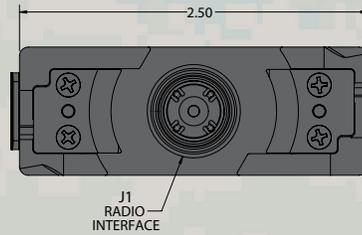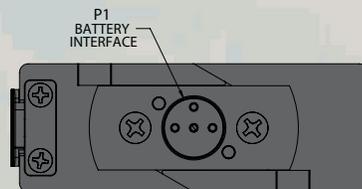| Sample Part Number:	TS1-094
Adapter Series	Cable for use with RPB TS8-486

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
RADIO

RADIO POWER BOOST

P2

PIN 4
PIN 2 — PIN 1
PIN 5 — PIN 3
PIN 7 — PIN 6

.25 MAX

REF, PRODUCT LABEL

2.300
2.000

P1

(110°)
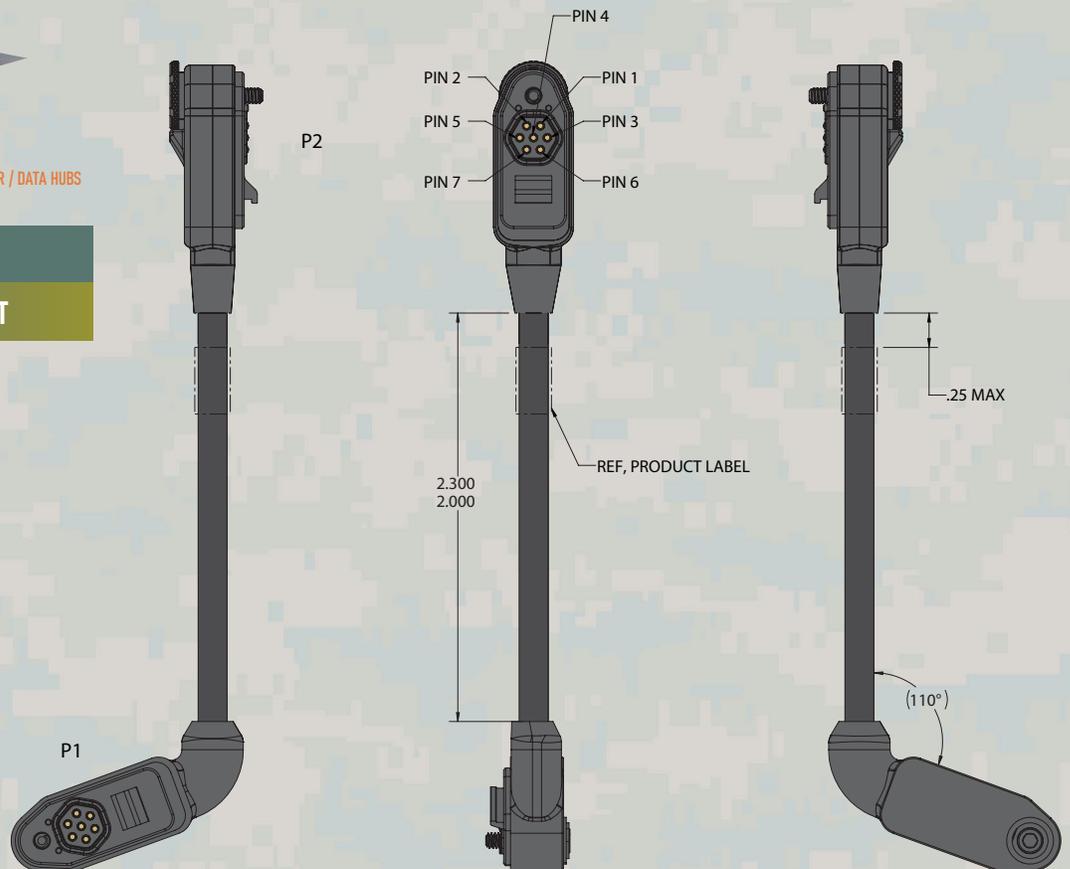
BATTLE-TESTED

STAR-PAN™

Radio cables and adapters
TS1-003 Silvus SC4200 Data Cable

**Silvus SC4200
Radio Cable**

SPECIFICATIONS

- For interconnection of referenced radio type to STAR-PAN power / data hubs
- Santoprene jacketed cable, black
- Ergonomic overmolding
- Mighty Mouse 807 (NATO standard) connector and J4 Radio connector
- Weight: (consult factory)
- Export classification: EAR99

HOW TO ORDER

Sample Part Number:	TS1-003	-30
Cable Series	Silvus SC4200 Radio Data Cable	
Length Designator	In inches **Omit for default length of 24.00"**	

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
AUX

RADIO POWER BOOST

OVERALL LENGTH "L"

MASTER KEY

SHRINK MARKER,
M23053/5 COVERED WITH
M23053/18 (CLEAR)

MASTER
KEY

LOADING
VIEW

(1.00)

P1

P2

(PART NUMBER)
GLENAIR YYWW
06324

GLENAIR CONNECTOR,
8070-1676-06ZNU6-6PY
PIN 2 IS FMLB

TPE OVERMOLD
TYP. 2

SANTOPRENE
BLACK JACKETED CABLE

ODU CONNECTOR,
SX0YCX-P10XCD0-0001
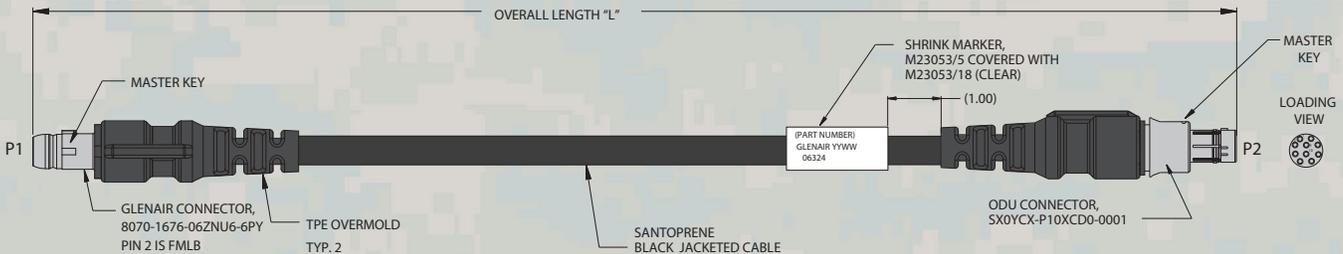
STAR-PAN™

Radio cables and adapters
TS8-539 MPU5 Ethernet Cable

RADIO

SPECIFICATIONS

- For interconnection of referenced radio type to STAR-PAN power / data hubs
- Santoprene jacketed cable, black
- Ergonomic TPU overmolding
- Mighty Mouse 807 (NATO standard) connector and radio connector assembly
- Weight: (consult factory)
- Export classification: ECCN 3A611.x

HOW TO ORDER

Sample Part Number:	TS8-539	-30
Cable Series	MPU5 Ethernet cable	
Length Designator	In inches. 90" max. **Omit for default length of 90.00"**	

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
RADIO

OVERALL LENGTH "L"

ROBOTIC RESEARCH ASSY. DEPICTION USED FOR REFERENCE ONLY

18.00 INCHES (+1.00/-0.00)

(1.00)

(PART NUMBER)
GLENAIR YYWW
06324

P1

(.85 INCHES)

P2

TPU OVERMOLD

SHRINK LABEL
M23053/5 (BLK)
COVERED W/
M23053/18 (CLR)

(3.80 INCHES)

PERSISTENT SYSTEMS ASSY.
CBL-DATA-2009

GLENAIR CONNECTOR,
8070-1676-06ZNU6-6PY
PIN 2 IS FMLB

(.48)

(CUSTOMER FURNISHED)

ETH TO USB CONVERTER
OVERMOLDED IN TPU
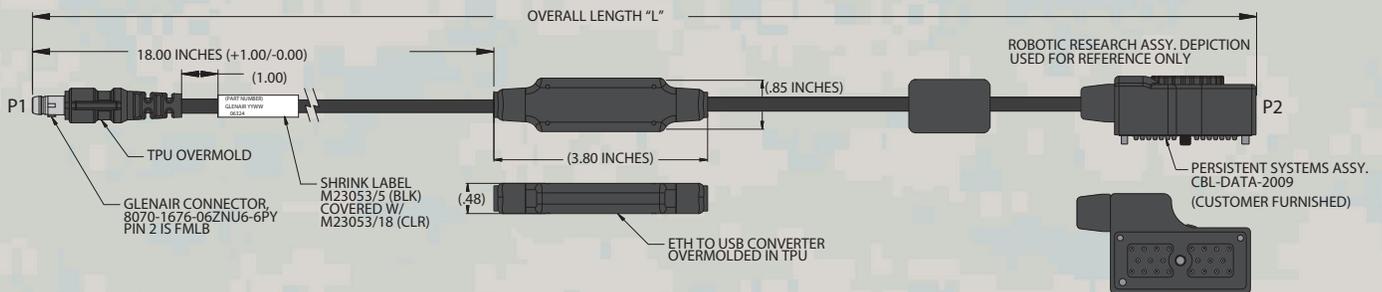
BATTLE-TESTED
STAR-PAN™
Radio cables and adapters
TS8-544 MPU5 Ethernet Cable with Radio Power Boost option

STAR-PAN™

SPECIFICATIONS

- For interconnection of referenced radio type to STAR-PAN power / data hubs
- Santoprene jacketed cable, black
- Ergonomic TPE overmolding
- Mighty Mouse 807 (NATO standard) connector, URPB connector, and radio connector assembly
- Weight: (consult factory)
- Export classification: ECCN 3A611.x

HOW TO ORDER

Sample Part Number:	TS8-544	-24
Cable Series	MPU5 Ethernet cable with RPB	
Length Designator	In inches. 30" max. **Omit for default length of 30.00"**	

STAR-PAN™

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS
LIGHT, II, IV, AND VI

HUB PORT DESIGNATOR:
RADIO
RADIO POWER BOOST

OVERALL LENGTH "L"

(1.00)

(PART NUMBER) GLENAIR YYWW 06324

J1

GLENAIR CONNECTOR, 8070-3078-01ZNU6P7SY PIN 2 IS HIGH CURRENT CONTACT

TPE OVERMOLD

SHRINK LABEL M23053/5 (BLK) COVERED W/ M23053/18 (CLR)

TPE OVERMOLD W/ ETHERNET TO USB CONVERTER

14.50 INCHES (+1.00/-0.00)

10.00 INCHES (+1.00/-0.00)

URPB

(1.0)

P2

P3

PERSISTENT SYSTEMS ASSY. CBL-DATA-2010 (CUSTOMER FURNISHED)

A

PIN 2

DETAIL A SCALE 4:1

PIN 1

PIN 3

PIN 4

PIN 6

PIN 7

OVERMOLD, TPE