Radio Frequency Cable Assembly - Page 1 of 2



vehicle; radiall connector,

View Online at https://aerobasegroup.com/nsn/5995-01-524-5748

Cross Se	ctional Shape:
Round	
Overall L	ength:
72.000 in	ches
Electrica	Resistance:
75.00 ohr	ns impedance
Tempura	ture Rating:
-46.0 deg	rees celsius and 71.0 degrees celsius
Outside I	Diameter:
0.081 incl	nes single conductor
Cross Se	ction Outside Diameter:
0.100 incl	nes
End App	lication:
Nsn 5865	-01-470-4744; target acquisition subsystem
Terminat	ion Type:
Connecto	r plug both ends single conductor
Conduct	or Quantity:
1	
Strand Q	uantity Per Conductor:
7 single c	onductor
Conduct	or Form:
Braid, tul	oular single conductor
Product	Name:
Cable ass	embly, special purpose, electrical
Round C	onductor Size:
30 awg si	ngle conductor
Conduct	or Cross-sectional Shape:
Tubular b	raid single conductor
Conduct	or Arrangement And Quantity:
1 coaxial	
Terminal	Manufacturer Identifying Reference Number:
1w45p1 (predator gcs); 1w45 (part number, rev.); 1w45p2 (1a146-in) both ends single conductor
Terminal	Commercial And Government Entity Code:
0gp12 bo	th ends first conductor
Special F	eatures:
Cable ass	sembly, rf predator gcs to predator subsystem; humidi type 95% at 4 deg. C; vibration, military ground
r142-076;	raychem sleeving, tat-125-0 (black)
Material:	
Steel core	e conductor all conductors and copper core conductor all conductors
Precious	Material And Location:
Surface s	ingle conductor and surface shield, braid silver
	Material:
Silver	

Silver



Surface Treatment:

Silver alloy core conductor single conductor

Style Designator:

Internal connectors

Specification Data:

81349 - mil-c-17/094-rg179 government specification

Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

Yes - demil/mli

Fiig:

A077a0