

HUGHES NETWORK SYSTEMS

FIELD SERVICE BULLETIN

SUBJECT: New .98m Ka-Band Spaceway and Ku-Band Antenna Introduction	FSB NUMBER: FSB_150410_01A
	FSB ISSUE DATE: 04/10/15

SUBMITTED BY: P. Hari, M. Middeke	APPROVED BY: D. Dostalík
------------------------------------------	---------------------------------

CHANGE TO BE IMPLEMENTED BY:
 AUTHORIZED HUGHES REPRESENTATIVE CUSTOMER

DOCUMENTATION AFFECTED:
 Training, Installation Specifications

CATEGORY:
 HARDWARE FIRMWARE SOFTWARE OTHER

EFFECTIVE DATE:

IMPLEMENT: IMMEDIATELY
 NEXT SERVICE CALL
 OTHER:

COMMENTS: This FSB describes the introduction of the new .98cm Ka-Band Spaceway and Ku-Band Antennas.

REMOVED MATERIAL DISPOSITION

SHIP TO	N/A
ATTENTION	N/A
COMMENTS	N/A

Hughes Network Systems, 11717 Exploration Lane, Germantown, MD 20876

New .98m Ka-Band Spaceway Antenna

Figure 1 shows the comparison between the current and new .98m Ka-Band Spaceway Antenna.

The only differences from the current version of the .98m Ka-Band Spaceway Antenna are:

- The new .98m Spaceway antenna has a shorter, straight feedarm compared to the longer, bent feedarm of the current antenna.
- The Radio Adapter is preassembled to the feedarm in the new .98m Spaceway antenna.
- Form, Fit and Functionality are exactly the same and meet all Hughes requirements.

NOTE: Other than the reflector, the antenna parts (feedarm, backstructure, support rods) are **NOT interchangeable** between the new and current versions.

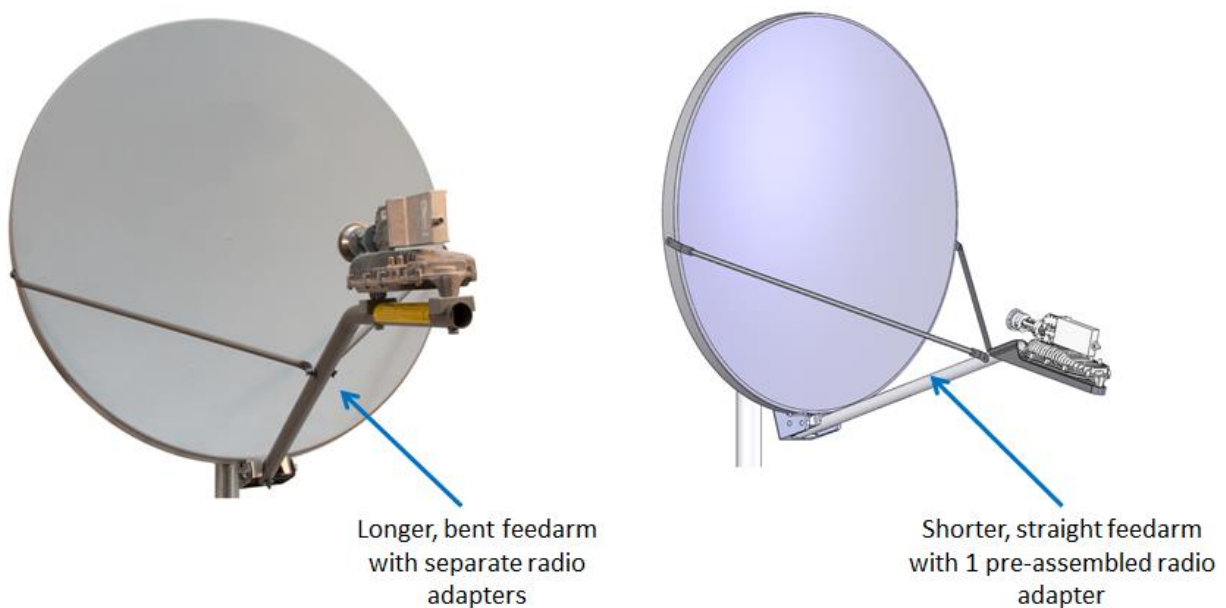


Figure 1: Current and New Spaceway .98m Antennas

Table 1 shows the Hughes part number mapping between the current and new .98m Spaceway Antennas.

Note: The antennas come in 2 boxes.

Table 1 – Hughes Part Numbers

	Current Spaceway .98m Antenna Part numbers	New Spaceway .98m Antenna Part Numbers
HughesNet Logo	1501111-0032 1501111-0039	1504178-0021 1504178-0002
No Logo	1501111-0033 1501111-0039	1504178-0121 1504178-0002
DishNet Logo	1501111-0232 1501111-0139	1504178-0221 1504178-0002
XplorNet Logo	-	1504178-0321 1504178-0002
Galaxy Logo	1501111-0040 1501111-0039	1504178-0421 1504178-0002

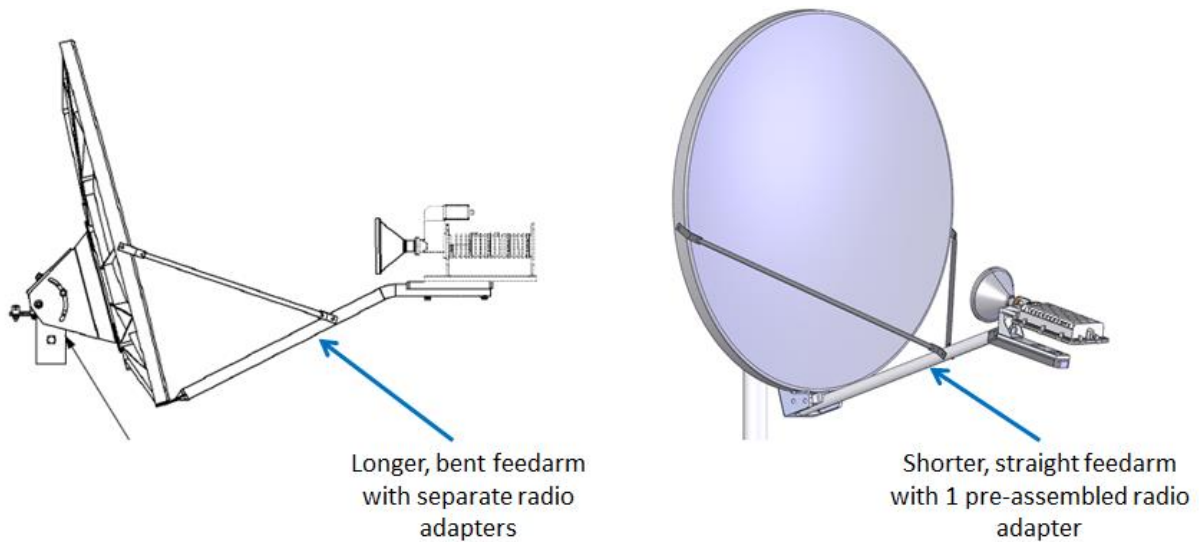
New .98m Ku-Band TG/Cradle-style Antenna

Figure 2 shows the comparison between the current and new .98m Ku-Band TG/cradle-style Antenna.

The only differences from the current version of the .98m Ku-Band TG Antenna are:

- The new .98m Ku-Band TG/Cradle-style antenna has a shorter, straight feedarm compared to the longer, bent feedarm of the current version.
- The Radio Adapter is preassembled to the feedarm in the new .98m Spaceway antenna.
- The new antenna will work with both the Anubis TG and Rembrandt TG Radios
- Form, Fit and Functionality are exactly the same and meet all Hughes requirements.

NOTE: Other than the reflector, the antenna parts (feedarm, backstructure, support rods) are **NOT interchangeable** between the new and current versions.



***The new antenna will work with both Anubis TG and Rembrandt TG Radios**

Figure 2: Current and New Ku-Band TG style .98m Antennas

Table 2 shows the Hughes part number mapping between the current and new .98m Ku-Band Antenna.

Note: The antennas come in 2 boxes.

Table 2 – Hughes Part Numbers

	Current Ku TG .98m Antenna Part numbers	New Ku TG .98m Antenna Part Numbers
HughesNet Logo	1501111-0021 1501111-0022	1504178-0031 1504178-0032
No Logo	1501111-0021 1501111-0023	1504178-0131 1504178-0032

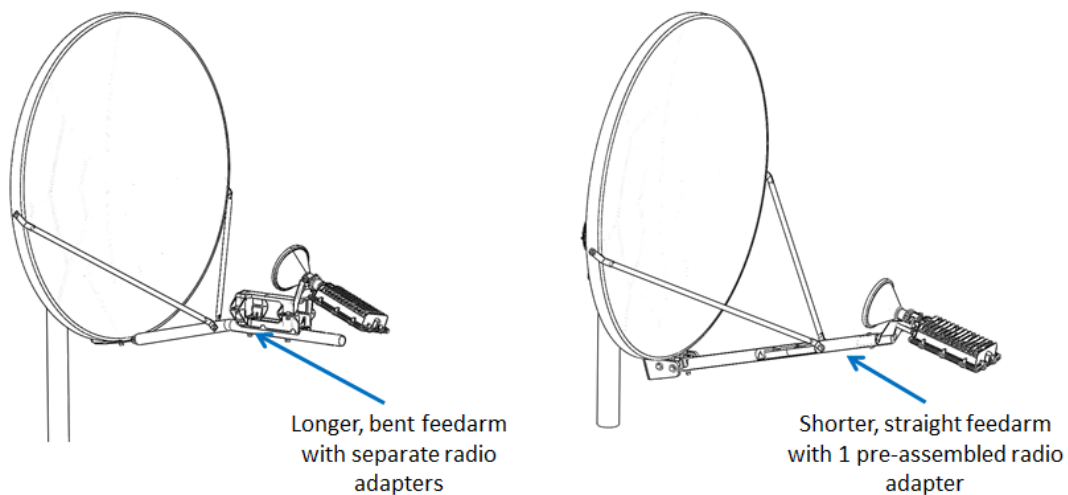
New .98m Ku-Band Pure/Universal-style Antenna

Figure 3 shows the comparison between the current and new .98m Ku-Band Pure/Universal-style Antenna.

The only differences from the current version of the .98m Ku-Band Pure/Universal-style Antenna are:

- The new .98m Ku-Band Pure/Universal-style antenna has a shorter, straight feedarm compared to the longer, bent feedarm of the current version.
- The Radio Adapter is preassembled to the feedarm in the new .98m Ku Pure-style antenna.
- The new antenna will only work with the Rembrandt Pure-style Radios. It will NOT work with the Pure-style Anubis Radios.

NOTE: Other than the reflector, the antenna parts (feedarm, backstructure, support rods) are **NOT interchangeable** between the new and current versions.



***The new antenna will work only with the Rembrandt Pure-style Radios. It will NOT work with Pure-style Anubis Radios**

Figure 3: Current and New Ku-Band Pure/Universal style .98m Antennas

Table 3 shows the Hughes part number mapping between the current and new .98m Ku-Band Pure-style Antenna.

Note: The antennas come in 2 boxes.

Table 3 – Hughes Part Numbers

	Current Ku Pure .98m Antenna Part numbers	New Ku Pure .98m Antenna Part Numbers
HughesNet Logo	1501111-0021 1501111-0022	1504178-0041 1504178-0032
No Logo	1501111-0021 1501111-0023	1504178-0141 1504178-0032