

HUGHES NETWORK SYSTEMS

FIELD SERVICE BULLETIN

SUBJECT: IFL Cable, Approved List (with lengths)
for HughesNet HT2010/HT2010W Installations

FSB NUMBER: FSB_181112_01A

FSB ISSUE DATE: 11/9/18

SUBMITTED BY: D. Ricker

APPROVED BY: Mike Middeke

CHANGE TO BE IMPLEMENTED BY:

AUTHORIZED HUGHES REPRESENTATIVE



CUSTOMER



DOCUMENTATION AFFECTED:

HT2010/HT2010W Installation Documentation

CATEGORY:

HARDWARE



FIRMWARE



SOFTWARE



OTHER



EFFECTIVE DATE:

IMPLEMENT:



IMMEDIATELY



NEXT SERVICE CALL



OTHER

COMMENTS:

This Field Service Bulletin (FSB) is for HT2010W, HT2010 and HT2510 HughesNet VSAT system installations.

Coax cable and interconnecting components used for the interfacility link (IFL) must meet the following requirements:

- 75 ohm impedance
- 100% solid copper center conductor
- Frequency swept up to 3 GHz
- Other parts such as ground blocks, wall plate connections, etc. must be qualified up to 3 GHz
- Reference the following FSBs:
 - FSB_050518_01 - *HNS Broadband requirements for RG-6 and RG-11 IFL cable connectors, ground blocks and ground block location, coax cable installation practices*
 - FSB_051019_01 - *Measuring IFL Cable DC Loop Resistance on HNS Broadband/DirecWay systems*

How to use this FSB

1. Determine the maximum allowable IFL cable length based on the Vendor Part Number shown in the left column.
2. Refer to Table 1 or Table 2 to determine the appropriate cables to use for HT2010/HT2010W HughesNet VSAT systems.
3. For these systems, there is a minimum cable length required. The IFL can be no less than 30 feet/10 meters.

Table 1. Cable types and maximum lengths required for HT2010/W systems, US cable vendors

Vendor Part Number	Useable Max. length (feet)	Useable Max. length (meters)	Plenum	Quad Shield
RG6 Cable				
Hughes, 1029265-0001	200	60	no	yes
Commscope 5781	200	60	no	yes
Commscope 5773	200	60	no	no
Commscope 2229K	165	50	yes	yes
1029265-0003/RG6/PL	165	50	yes	no
RG11 Cable				
Hughes1037963-0001/RG11	300	90	no	yes
Commscope 5924 / RG11	300	90	no	yes
Hughes 1037963-0002/RG11/PL	220	65	yes	yes
Commscope 2287K	220	65	yes	yes

Table 2. Cable types and maximum lengths required for HT2010/W systems, South America cable vendors

Vendor Part Number	Useable Max. length (feet)	Useable Max. length (meters)	Plenum	Quad Shield
RG6 Cable				
Cabel Tech, RGE-06 QS/Brazil	200	60	no	yes
RG11 Cable				
Cabel Tech, RGE-11 TS/Brazil	300	90	no	Triple shield