

APPLICATION NOTE #2001

March 19, 2020

Alternative RF Cable for RG-11

If you need RG-11 RF cables for your TracPhone HTS-series antenna installation and cannot purchase the cables locally, KVH has validated the MASPRO® S5CFB RF cables as suitable substitutes.

S5CFB RF cables will function as both Tx and Rx cables for TracPhone V3-HTS, V7-HTS, and V11-HTS antenna systems with cable runs up to 30 m (100 ft). *Note: RF signal loss increases as cable length increases.*

The cables must be terminated with a waterproof MASPRO C15W5F “F” type connector at both ends.

Terminating MASPRO S5CFB Cables

Terminate your cables with the HOZAN® brand P-716 crimping tool, exactly to the manufacturer’s specifications. The connectors include center conductor pin heads that must be attached as part of termination. Refer to the cable stripping and crimping instructions provided at the MASPRO website for further details on attaching a C15W5F connector (https://www.maspro.co.jp/pdfview/manual_pdf/5473.pdf). *Note: The instructions are only available in Japanese.*

MASPRO S5CFB Cables Torque Requirement

When you are finished connecting the cables to your antenna system, tighten the connectors to 2 N-m (1.5 ft-lbs) of torque.

Contact your local supplier, or an online retailer such as <https://www.monotaro.com/>, for purchasing information.

S5CFB RF Cable Specifications

Max. length	30 m (100 ft)
Connectors	MASPRO C15W5F
Tool	HOZAN P-716
Strip lengths	As specified by MASPRO

C15W5F Connector for S5CFB RF Cable



HOZAN P-716 Crimping Tool

