

- High quality adapter F-female and IEC-female
- Excellent performance up to 3 GHz



## Overview

This high quality adapter can be used anywhere in the HFC network. From the headend to the setup box in the customer's home. With its performance up to 3 GHz it is fully prepared for DOCSIS 3.1 applications.

	Range (MHz)	Better than (dB)	Typical (dB)
Return Loss (MHz)	0.3 - 500	-28	-30.9
	500 - 860	-22	-25.5
	860 - 1000	-21	-24.1
	1000 - 1750	-16	-19.1
	1750 - 2150	-14	-17.4
Insertion Loss (MHz)	2150 - 3000	-12	-15.2
	0.3 - 500	-0.10	-0.05
	500 - 860	-0.11	-0.06
	860 - 1000	-0.13	-0.08
	1000 - 1750	-0.17	-0.12
Temperature	1750 - 2150	-0.20	-0.15
	2150 - 3000	-0.34	-0.29
	Installing	-5°C to +50°C	
Operating	-40°C to +70°C		
Insulators	PE / PTFE (Teflon)		

## General Specification

Frequency Range	0.3 MHz - 3000 MHz
Impedance	75 Ω
Amp. Rating	3 A
Shielding Effectiveness	85 dB @ 30 MHz - 862 MHz

Intermodulation	IM3 (dB)	IP3-value (dB)
3rd Order (@2x+20 dBm)	-130	+85

Insulation Resistance	
(@ 500 V)	>29.99 GΩ

Inner Conductor Resistance	
(@ 1 A DC)	1 mΩ

Base Material	
Body Parts	Brass CuZn39Pb3 / SWPA
Inner Conductor	Brass CuZn39Pb3 / Beryllium copper

Plating	
Body Parts	Nickel
Inner Conductor	Gold / Nickel

Dielectric Strength	
DC Test Voltage	2.5 KV

## Ordering information

Item name	Article number
IECF-FF-HQ	19011704