



# FTU-5000-FO RF-OVER-FIBER OPTICAL MODULE

- Reliable and Easy to Implement
- Hot Swappable
- Wide Frequency Band
- Single Mode Duplex Fiber

## FEATURES

Becker Mining Systems RF-over-Fiber (RToF) technology offers a new and flexible way to distribute all radio frequency communication.

The FTU-5000-FO RF-over-Fiber Optical Module is used in conjunction with the Primary Hub to provide a duplex single mode fiber (SMF) connection from the Primary Hub to a Secondary Hub or Remote Unit. Up to eight Optical Modules can be installed in a Primary Hub. They are hot swappable units, allowing for system maintenance or the addition of Secondary Hubs or Remotes without impacting service.

Becker Varis offers a broad range of RF-over-Fiber products to fit most wireless applications. The Becker Varis FTU-5000-FO is designed to offer a reliable and easy to implement RF over fiber solution.

## TECHNICAL DATA

PERFORMANCE SPECIFICATIONS	
Max. Number per Primary Hub	8
Optical Loss per Link	Up to 5 dBo
Optical Transmit Power	Min: +4.5 mW Max: -10 mW
Optical Receive Power	10 mW (max)
Return Loss	Better than 45 dB
Ethernet Bandpass	6.4 MHz (max)
Connections	SC-APC Duplex

MECHANICAL DATA	
Dimensions (L x H x W)	117 x 116 x 31 mm (4.6 x 4.6 x 1.2 in)
Weight (nominal)	0.28 kg (0.6 lbs)

ENVIRONMENTAL DATA	
Temperature Range	-5 to +45° C (23 to +113° F)

Technical data are limit values.

If the product is integrated into systems or operated in combination with other devices, its permissible operating values can deviate from these limit values. Subject to technical modifications without prior notice.

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