

3. Backhaul

Backhaul Components



Figure 3–29 Cable, RF Extender, 10 ft (65-0103)











Figure 3–30 Media Converter (60-0017)

The following table describes the Media Converter indicator light states.

Table 3–10 Media Converter Indicator Lights

LED Indicators	Summary	Description
	Normal Operation	Solid: <ul style="list-style-type: none"> Power Random Flashing: <ul style="list-style-type: none"> Ethernet Fiber
	Error Condition	Solid: <ul style="list-style-type: none"> Power Fast Steady Flashing: <ul style="list-style-type: none"> Ethernet -and/or- Fiber
	Power = Off	There is no power to the media converter. Check the following: <ul style="list-style-type: none"> Ethernet cable is in good condition (not cut) Ethernet cable connection is clean and makes good contact The Product has power
	Power = Solid	There is power to the media converter.

Table 3–10 Media Converter Indicator Lights (cont.)

LED Indicators	Summary	Description
	Ethernet = Off	There is no Ethernet connection. Check the following: <ul style="list-style-type: none"> • Ethernet cable is in good condition (not cut) • Ethernet cable connection is clean and makes good contact • The Product is operational
	Ethernet = Solid	There is a connection, but no communication. Check the following: <ul style="list-style-type: none"> • Ethernet cable is in good condition (not cut) • The Product is operational
	Ethernet = Random Flashing	There is a connection and normal communication is taking place.
	Ethernet = Fast Steady Flashing	There is a connection, but there are communication errors. Check the following: <ul style="list-style-type: none"> • Ethernet cable is in good condition • Ethernet cable connection is clean and makes good contact • The Product is operational
	Fiber = Off	There is no Fiber connection. Check the following: <ul style="list-style-type: none"> • Fiber cable is in good condition (not cut) • Fiber cable is not bent • Fiber cable connection is clean and makes good contact
	Fiber = Solid	There is a connection, but there is no communication. Check the following: <ul style="list-style-type: none"> • Fiber cable is in good condition (not cut) • Fiber cable is not bent • Fiber cable connection is clean and makes good contact
	Fiber = Random Flashing	There is a connection and normal communication is taking place.
	Fiber = Fast Steady Flashing	There is a connection, but there are communication errors. Check the following: <ul style="list-style-type: none"> • Fiber cable is in good condition (not cut) • Fiber cable is not bent • Fiber cable connection is clean and makes good contact

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Figure 3–31 Connectors, Media Converter (60-0017)

Table 3–11 Copper Connector Pinout, Media Converter (60-0017)

8-Pin Connector	Signal Name	Wire Color
1	TX +	WHT/ORG
2	TX -	ORG
3	RX +	WHT/GRN
4	PWR +	BLU
5	PWR +	WHT/BLU
6	RX -	GRN
7	GND	WHT/BRN
8	GND	BRN

WHT = White, ORG = Orange, GRN = Green, BLU = Blue, BRN = Brown, BLK = Black, YEL = Yellow



Figure 3–32 Cable, Backhaul Jumper (60-0033)