

Specifications

Contact Closures

Number of Channels	1 / 8
Direction (FT010CB)	Bi-directional
Direction (FT080CF)	Forward
Input Type	Dry Contact or TTL input
Output Type	Dry Contact, NO or NC
Dry contact Output Rating	Max. 32VDC/VAC @ 100mA

LED

Contact Closure Input / Output	Red/Green LED lit
Optical Carrier Detected	Yellow / Active
Power	Red/On

Connectors

Contact Closure Input / Output	5-pin screw terminal
Optical Input / Output	ST (standard), FC (optional)
Power (Standalone)	2-pin screw terminal block
Power (Rack-mount)	Bus connector

Electrical and Mechanical

FT010CB	
Power (Standalone)	12VDC @ 2.4W
Power (Rack Mount)	From FT-C18 Chassis
Dimensions(WxHxD) (Standalone)	156 x 30.5 x 223mm(Max)
Dimensions(WxHxD) (Rack Mount)	148 x 20.4 x 213mm(Max)
Shipping Weight (Standalone)	0.58kg
Shipping Weight (Rack Mount)	0.2kg

FT080CF	
Power (Standalone)	12VDC @ 4.2W
Power (Rack Mount)	From FT-C18 Chassis
Dimensions(WxHxD) (Standalone)	156 x 50.5 x 223mm(Max)
Dimensions(WxHxD) (Rack Mount)	148 x 41.4 x 213mm(Max)
Shipping Weight (Standalone)	0.78kg
Shipping Weight (Rack Mount)	0.28kg

Environmental

Operating Temp	-40°C to +75°C
Storage Temp	-40°C to +85°C
Relative Humidity	0 to 95% non-condensing
MTBF	> 100,000 hours

Ordering Information

Fiber Type	Part Number	Description	Wavelengths (nm)	Optical Power Budget (dB)	Max. Distance (Km)	No. of slots
Multi-mode (62.5/125µm)	FT010CB-SMTR	1-ch bidirectional Contact Closure Transceiver	1310 1550	23	1	1
	FT010CB-SMRT	1-ch bidirectional Contact Closure Transceiver				
	FT080CF-SMT	8-ch One-way Contact Closure Transmitter	1310	23	1	2
	FT080CF-SMR	8-ch One-way Contact Closure Receiver				
Single-mode (9/125µm)	FT010CB-SSTR	1-ch bidirectional Contact Closure Transceiver	1310 1550	17	20	1
	FT010CB-SSRT	1-ch bidirectional Contact Closure Transceiver				
	FT080CF-SST	8-ch One-way Contact Closure Transmitter	1310	17	20	2
	FT080CF-SSR	8-ch One-way Contact Closure Receiver				

Options	<ul style="list-style-type: none"> ST type connector is standard. For FC type, specify "F" in the suffix. E.g. FMTR/FMT For Standalone type, please add "SA". E.g. SMTRSA/SMTSA Please feel free to consult factory if longer transmission distance is required.
Power Adaptor	<ul style="list-style-type: none"> Power adaptor is included in Standalone type only.
Rack Mount Chassis	<ul style="list-style-type: none"> FT-C18 is to be purchased separately. Please refer to accessories section for the details.

- Notes:
- Transmission distance will suffer if additional losses are introduced by the optical connectors, fusions, splices and the fibers within the network.
 - Operating distance of multimode is limited by the characteristics of the fiber bandwidth.
 - Power adaptor is manufactured by third party and is supplied with fitted screw - terminal output cables.
 - Please feel free to consult factory for any special requirement and customization.

Video Transmission

