

# Comnet CN-OBS Industrial 2-Port Bypass Switch for Fiber Optical Network with 4 x LC Duplex/Single Mode/LC Connector

Fiber Optic	
Optical Ports	4 Duplex LC connectors
Fiber	Single mode 9/125μm 1260 ~ 1570 nm or Multimode 50/125μm or 62.5/125μm 780 ~ 1350 nm (model dependent)
Insert Loss	1.6 dB (Single mode) or <1.0 dB (Multimode)
Switch Time	< 10 ms
DIP Switch Settings	
DIP Switch 1	Power-1 failure detection – relay enable (ON) / disable (OFF)
DIP Switch 2	Power-2 failure detection – relay enable (ON) / disable (OFF)
Fault contact	
Relay	Relay output for power failure warning
Power	
Input Power	Dual 12~48 VDC power inputs at DC-Jack and 4-pin terminal block
Power Consumption	2.7 W, Typical
Current Protection	Overload Current /Reverse Polarity Protected (Terminal Block Only)
Electrical & Mechanical	
Indicating LEDs	Power Normal Fault
Enclosure	IP-30
Size	1.03 × 3.74 × 5.68 in (2.61 × 9.49 × 14.43 cm)
Shipping Weight	0.89 lb / 405 g
Environmental	
MTBF	1,000,000 hours
Operating Temperature	-20■ to +70■ C
Storage Temperature	-40■ to +85■ C
Relative Humidity	10% to 90%
Regulatory Approvals	
EMI	FCC Part 15, CISPR (EN55022) class A
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000- 4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11
Shock	IEC60068-2-27
Free Fall	IEC60068-2-32
Vibration	IEC60068-2-6