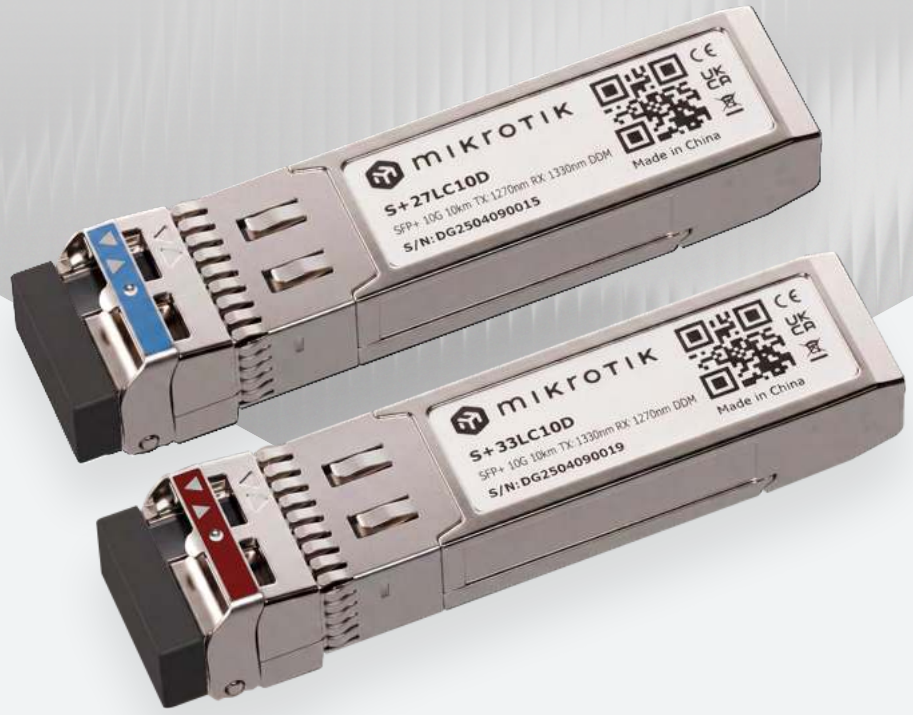
S+2733LC10D

Bi-Di

S+2733LC10D is **a pair** of reliable, **industrial-grade 10G SFP+** modules designed for single-mode links **up to 10 km**. By transmitting and receiving on different wavelengths over a single fiber strand, these modules provide efficient long-distance connectivity while reducing fiber requirements.



This new model delivers an affordable alternative to our XS+2733LC15D module pair for customers who do not need 25G SFP28 support. A smart, **budget-friendly choice for 10G networks** that require connectivity without breaking the bank.

The module includes built-in digital diagnostics (DDM) for monitoring optical power, voltage, temperature, laser bias current, and other key parameters. These functions help detect abnormal activity or when customizable operating limits are exceeded. Monitoring makes it easier to plan ahead, make informed decisions, and schedule upgrades or maintenance based on real performance data.

Specifications

Product code	S+2733LC10D
Format	SFP+
Connector	Simplex LC connector
Mode	Single mode
Data Rate	10G
Wavelength	1270nm + 1330nm
Distance	Up to 10 km

Electrical characteristics	Min.	Max.	Unit	Note
Receiver				
Receiver differential output voltage	350	800	mVpp	1
LOS output Voltage-High	2.0	Vcc	V	2
LOS output Voltage-Low		0.8	V	2

1.Into 100-ohm differential termination.
2.LOS is LVTTL. Logic 0 indicates normal operation; logic 1 indicates no signal detected.

Optical characteristics	Min.	Max.	Unit	Note
Transmitter				
Output power	-8.2	+0.5	dBm	1
Receiver				
Receiver sensitivity (OMA)		-14.4	dBm	2
LOS-Deasserted (Avg.)		-17	dBm	
LOS-Asserted (Avg.)	-35	-17	dBm	
LOS-Hysteresis	0.5	5	dB	

1.The optical power is launched into SMF
2..Measured with a PRBS 2^31-1 test pattern,10.3125G@BER=1E-12.