CENTUM VP

Product Data Sheet

ANT421-50 S1

Optical ESB Bus Repeater Master Module

REPEATER ROLE	MAXIMUM TRANSMISSION DISTANCE	OPTICAL CONNECTOR	OPTICAL FIBER TYPE
Master	**4 km per hop**	**LC, IEC 61754-20**	**Multimode GI 50/125 or GI 62.5/125**

The Yokogawa ANT421-50 S1 is an Optical ESB Bus Repeater Master Module for CENTUM VP. It carries the ESB bus over optical fiber and is paired with the ANT522 repeater in the documented architecture.

01 TECHNICAL DATA

Repeater role	Master
Maximum transmission distance	4 km per hop
Optical connector	LC, IEC 61754-20
Optical fiber type	Multimode GI 50/125 or GI 62.5/125
Required fiber cores	2
Permissible optical loss	0 to 7 dB at 1.3 µm
Current consumption	0.5 A
Documented companion repeater	ANT522
Connection topology	Chain or star

02 ADDITIONAL PRODUCT DATA

The link uses two optical fibers and LC connectors. Yokogawa specifies 4 km per hop with the applicable fiber and optical loss budget of 0 to 7 dB at 1.3 µm. The module draws 0.5 A and supports chain or star layouts within the documented host limits.

03 PRODUCT FUNCTION

The link uses two optical fibers and LC connectors. Yokogawa specifies 4 km per hop with the applicable fiber and optical loss budget of 0 to 7 dB at 1.3 µm. The module draws 0.5 A and supports chain or star layouts within the documented host limits.

04 SYSTEM COMPATIBILITY

Match the ANT522 counterpart and verify the fiber route against the approved ESB design. Check the optical loss budget for the installed path.

05 REFERENCE

Yokogawa GS 33J60F55-01EN

AMIKON PRODUCT SUPPORT
+86-18020776786 INFO@AMIKON.CN AMIKONG.COM