CENTUM VP

Product Data Sheet

ANT411-5F S1

Optical ESB bus repeater

OPTICAL SPAN	WAVELENGTH	PERMISSIBLE OPTICAL LOSS	FIBRE CONNECTOR
5 to 50 km	**1550 nm**	**3 to 16 dB**	**LC (IEC 61754-20)**

Yokogawa ANT411-5F S1 is an optical ESB bus repeater master for CENTUM applications. The -5F ordering code combines the standard version without explosion protection and the F option for ISA G3 and extended operating temperature.

01 TECHNICAL DATA

Optical span	5 to 50 km
Wavelength	1550 nm
Permissible optical loss	3 to 16 dB
Fibre connector	LC (IEC 61754-20)
Fibre construction	Quartz single mode
Fibre cores	2
Module current	0.5 A
Maximum chain stages	2
Maximum paired links	8
Operating temperature option	-20 to +70 C

Yokogawa GS 33K50F52-50E, March 2015, including suffix table on page 7

02 ADDITIONAL PRODUCT DATA

Environmental option	ISA G3
Explosion protection option	None for suffix -5

03 PRODUCT FUNCTION

The optical link uses two quartz single mode fibre cores and LC connectors. Yokogawa specifies 5 to 50 km operation with 3 to 16 dB of optical loss at 1550 nm. The F option covers -20 to +70 C.

04 SYSTEM COMPATIBILITY

Use a two core single mode link with LC connectors. Measure end to end attenuation at 1550 nm and account for the minimum 3 dB loss when planning a short optical route.

05 REFERENCE

Yokogawa GS 33K50F52-50E, March 2015, including suffix table on page 7

AMIKON PRODUCT SUPPORT

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