1x8-8*(1x2) Hybrid PLC

Description

ARCADIA OPTRONIX LTD's hybrid PLC is an optical power distribution device based on an integrated waveguide PLC chip. It features a compact size, long service life, high reliability, and is used in multi-channel fiber optic sensing systems.

Key Features

- Compact Size
- High Repeatability and Stability
- Built-In All-Semiconductor Components, Stable and Reliable
- Compliant with GR-1209 and GR-1221 Standards

Applications

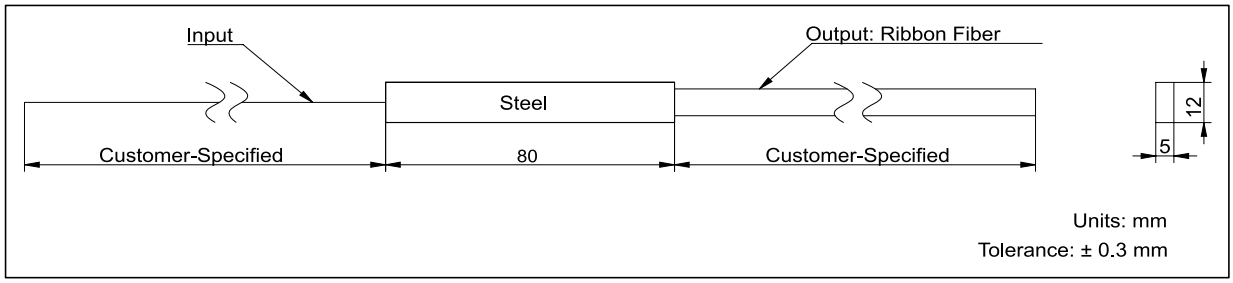
- Multi-Channel Fiber Optic Sensing Systems

Specifications

Parameter	Unit	Value
Number of Channels	CH	1 x 8 - 8*(1x2)
Wavelength	nm	1310/1550
Input->Common Insertion Loss(Max)	dB	≤ 14
Common->Monitor Insertion Loss(Max)	dB	≤ 5
Uniformity	dB	≤ 1.3
Polarization-Dependent loss （PDL）	dB	≤ 0.3
Operating Temperature	℃	- 40 ~ 85
Storage Temperature	℃	- 40 ~ 85
Fiber Type	-	G657A2/or other
Fiber Length	m	Customer-Specified
Connector Type	-	Customer-Specified

Note: The performance parameters listed above are all at 25℃.

Dimensions



Schematic Diagram of the PLC

