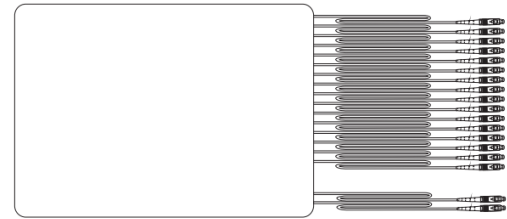
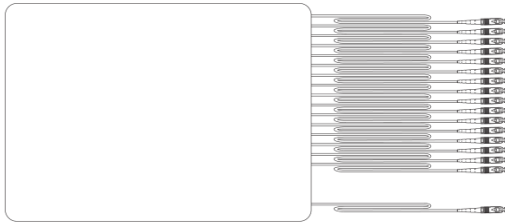


PRODUCT DIAGRAM



FEATURES & BENEFITS

- Low PDL
- Low Loss
- Good Directivity
- Good Environmental Stability

APPLICATION

- Optical Fiber Communication systems
- Optical Fiber CATV
- Fiber to the home (FTTH)
- Passive Optical Network (PON)
- Optical Amplifiers
- Optical Access Networks/LAN
- Monitoring Systems
- Optical Fiber Sensor



STRUCTURE

Type	PLC Splicer
Material	Plastic
Adapter Connector	SC/APC, LC/APC
Network Connection	EPON/GPON
Fiber type	G657



OPTICAL PERFORMANCE

<b>Working Wavelength (nm)</b>	1260-1610	
<b>Insertion Loss(dB)</b>	1:8	≤10.7
	1:16	≤13.9
	1:32	≤17.2
	2:32	≤19.2
	1:64	≤21.5
<b>Polarization Loss(dB)</b>	≤0.3	
<b>Uniformity (dB)</b>	1:8	≤1.0
	1:16	≤1.4
	1:32	≤1.6
	2:32	≤1.8
	1:64	≤2.0
<b>Return Loss(dB)</b>	≥55	
<b>Directivity(dB)</b>	≥55	
<b>Operating Temperature</b>	-45~85°C	

ORDERING INFORMATION AND COMPLIANCE

Part No.	Description	Standards
VCS970A08	Fiber Optical PLC Splicer, 1:8	ISO/IEC 11801:2008 ANSI/EIA-568-C.3 TIA-598-C EN50173:2002 TIA/EIA-526-7 ITU G.657
VCS970A16	Fiber Optical PLC Splicer, 1:16	
VCS970A32	Fiber Optical PLC Splicer, 1:32	
VCS970A64	Fiber Optical PLC Splicer, 1:64	
VCSP232AS01	Fiber Optical PLC Splicer, 2:32	