

**DESCRIPTION**

PLC splitter family (1X4, 1X8, 1X16, 1X32, 2X16, 2X32) has two classes, P-grade and S-grade, with specifications that are tailored for different applications and markets. All splitters feature guaranteed performance specifications and high reliability that surpass Telcordia requirements.



**FEATURES & BENEFITS**

- Available in 1XN & 2XN configuration
- Low insertion loss
- RoHS compliant
- Compact size
- Telcordia compliance

**APPLICATION**

- PON system
- CATV network
- FTTH network

**SPECIFICATIONS**

Item		1×4	1×8	1×16	1×32	1×64
<b>Operating Wavelength(nm)</b>		1260-1650				
<b>Insertion Loss(dB)</b>	<b>Max(S/P)</b>	7.4/7.2	10.7/10.5	13.7/13.5	16.9/16.5	21
<b>1 Loss Uniformity(dB)</b>	<b>Max</b>	0.6	0.8	1.2	1.7	2.5
<b>4 Return Loss(dB)</b>	<b>Min(S/P)</b>	50/55	50/55	50/55	50/55	20
<b>PDL(dB)</b>	<b>Max</b>	0.2	0.3	0.3	0.3	0.4
<b>Directivity(dB)</b>	<b>Min</b>	55	55	55	55	55
<b>Pigtail Length(m)</b>		1.2(±0.1)or Customers Specify				
<b>Fiber Type</b>		SMF-27e or Customers Specify				
<b>WDL(dB)</b>		0.2	0.2	0.3	0.3	0.3
<b>Temperature(°C)</b>		0.3	0.3	0.4	0.4	0.4
<b>Operating Temperature</b>		-40°C~+85°C				
<b>Storage Temperature</b>		-40°C~+85°C				

**ORDERING INFORMATION AND COMPLIANCE**

Part No.	Description	Compliance
VCS970A08	Fiber Optical PLC Splicer, 1:8	ISO/IEC11801 ANSI/TIA/EIA 568-C. 3
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	