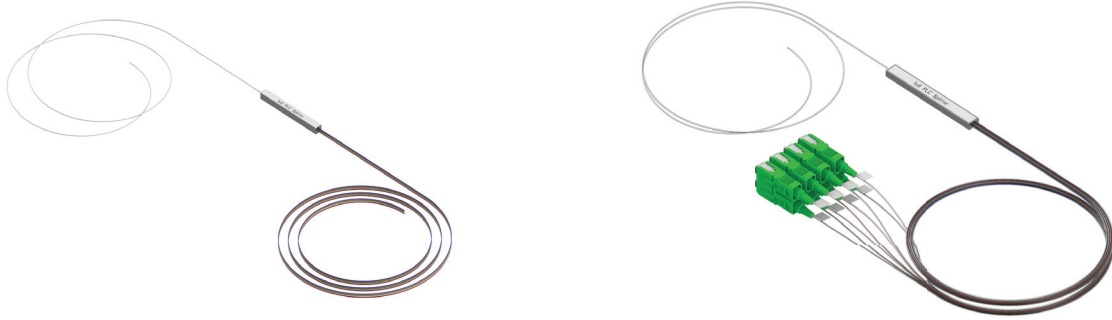


## COYOTE® PLC Splitters



**PLC Bare Fiber Splitter**

**PLC Pre-Connectorized Splitter**

### COYOTE Bare Fiber Splitters

Catalog Number	Description
COYSP1X2	COYOTE Bare Fiber Splitter – 1x2
COYSP1X4	COYOTE Bare Fiber Splitter – 1x4
COYSP1X8	COYOTE Bare Fiber Splitter – 1x8
COYSP1X16	COYOTE Bare Fiber Splitter – 1x16
COYSP1X32	COYOTE Bare Fiber Splitter – 1x32

### COYOTE Pre-Connectorized Splitters

Catalog Number	Description
COYSP1X2SCA	COYOTE Pre-Connectorized Splitter – 1x2 SCAPC
COYSP1X4SCA	COYOTE Pre-Connectorized Splitter – 1x4 SCAPC
COYSP1X8SCA	COYOTE Pre-Connectorized Splitter – 1x8 SCAPC
COYSP1X16SCA	COYOTE Pre-Connectorized Splitter – 1x16 SCAPC
COYSP1X32SCA	COYOTE Pre-Connectorized Splitter – 1x32 SCAPC

### Specifications: Bare Fiber and Pre-Connectorized Splitters

	Units	1x2	1x4	1x8	1x16	1x32
Operating Wavelength	nm	1260 – 1650	1260 – 1650	1260 – 1650	1260 – 1650	1260 – 1650
Insertion Loss (Maximum)	dB	3.6 <sup>1</sup> Max. 4.0 <sup>2</sup> Typ. 7.7 <sup>2</sup>	7.2 <sup>1</sup> Max. 8.0 <sup>2</sup> Typ. 7.7 <sup>2</sup>	10.5 <sup>1</sup> Max. 11.5 <sup>2</sup> Typ. 11.0 <sup>2</sup>	13.5 <sup>1</sup> Max. 14.5 <sup>2</sup> Typ. 14.2 <sup>2</sup>	16.5 <sup>1</sup> Max. 17.5 <sup>2</sup> Typ. 17.2 <sup>2</sup>
Uniformity (Maximum)	dB	0.4 <sup>1</sup>	0.6 <sup>1</sup>	0.8 <sup>1</sup>	1.2 <sup>1</sup>	1.7 <sup>1</sup>
PDL (Maximum)	dB	0.2 <sup>1</sup>	0.2 <sup>1</sup>	0.3 <sup>1</sup>	0.3 <sup>1</sup>	0.3 <sup>1</sup>
Return Loss (Minimum)	dB	55.0 <sup>1</sup>	55.0 <sup>1</sup>	55.0 <sup>1</sup>	55.0 <sup>1</sup>	55.0 <sup>1</sup>
Directivity (Minimum)	dB	55.0	55.0	55.0	55.0	55.0
Operating Temperature	°C	-40 to +85	-40 to +85	-40 to +85	-40 to +85	-40 to +85
Input/Output Legs	m	1 (Standard) or Custom Length Available (Input/250 Micron, Output/Ribbon fiber)				
Dimensions – Bare Fiber	mm	40 L x 4 W x 4 H	40 L x 4 W x 4 H	40 L x 4 W x 4 H	40 L x 4 W x 4 H	50 L x 7 W x 4 H
Dimensions – Connectorized	mm	60 L x 7 W x 4 H	60 L x 7 W x 4 H	60 L x 7 W x 4 H	60 L x 12 W x 5 H	80 L x 20 W x 6 H

<sup>1</sup>Excluding WDL (Wavelength Dependant Loss) and TDL (Temperature Dependant Loss). Measured at room temp.1310nm and 1550nm.

<sup>2</sup>Including WDL and TDL. 1 x 2 FBT Splitters and 1 x 64 PLC Splitter Modules are available upon request.

