

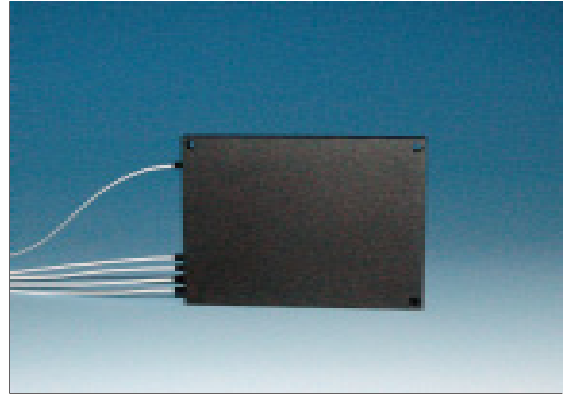
Compact Wideband Fused Fiber Splitter 1x4, 1x8, 1x16, 1x32

Applications:

FTTx / Fiber Distribution.

B-PON / E-PON

Ge-PON / G-PON



Features:

Exceptionally Small Package Size

Low Insertion Loss

Wide Operating Wavelength Range

Wide Operating Temperature Range

Low PDL

Description:

Go!Foton's Compact Wideband Splitters (FFCS-C) are based on NSG's Fused Biconical Taper Fiber Technology and our progressive Fiber Management Processes. These advanced and accurate splitters can be used to split or combine light signals from one fiber to multiple fibers. Ideal for FTTx (B-PON, E-PON, Ge-PON) and CATV systems, these splitters provide low insertion loss with very high reliability.

Specifications:

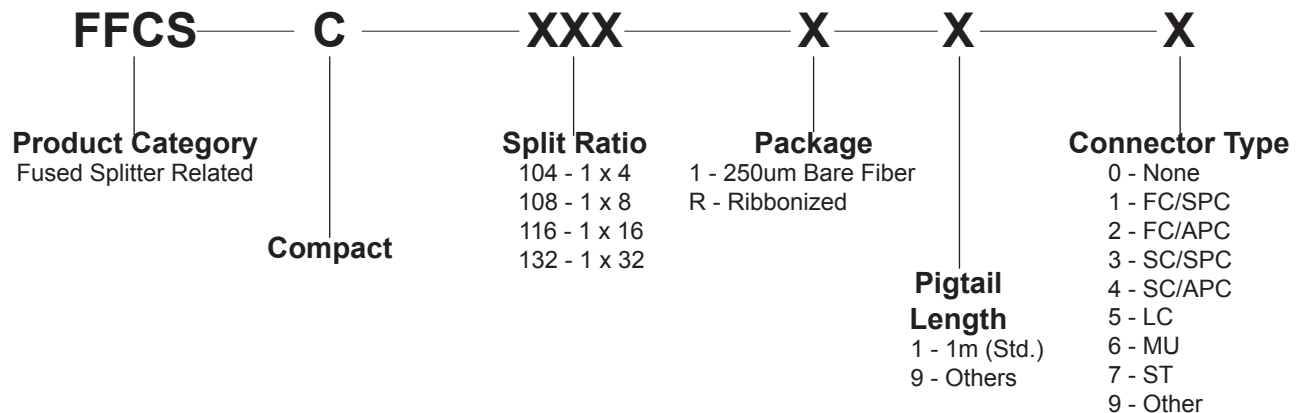
Port Configuration	1 x 4	1 x 8	1 x 16	1 x 32
Operating Wavelength (nm)	1260 ~ 1360 and 1480 ~ 1580			
Insertion Loss (dB)	<7.2	<10.5	<14.5	<18.5
Uniformity (dB)	<1.0	<1.5	<1.8	<2.4
Polarization Dependent Loss (dB)	<0.3	<0.4	<0.5	<0.7
Directivity (dB)	>55			
Return Loss (dB)	>55			
Operating Temperature (°C)	-40 to +85			
Storage Temperature (°C)	-40 to +85			
Fiber Type	SMF-28e or Equivalent			
Fiber Length (m)	>1			
Package Dimensions (mm)	72 x 54 x 5.4(1x4 & 1x8) 72 x 54 x 6.6 (1x16)			* See Note

All specifications are without fiber connectors.

* 1x32 package uses two cascaded 1x16 splitters.

* Simplified Ribbonized Fiber is available upon request.

Ordering Information:



Example: FFCS - C - 108 - 1 - 1 - 0

Fused Fiber Splitter, Compact, 1 x 8 Splitter, SMF-28e 250um Bare Fiber, 1m with no Connector